



# HD VIDEO SURVEILLANCE SOLUTIONS



Customer Service • Technical Support • Field Sales Support • Free Trainings • Marketing Support • Design Service



# SPECO SYSTEM

your complete HD VIDEO SURVEILLANCE SOLUTION

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- IP** Remote setup through network, HD image
- HD TVI** HD image over coax cabling
- INT** Intensifier® Technology  
See color in low-light without IR LEDs



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Always use discretion when installing video and/or audio surveillance equipment especially when there is an expectation of privacy. Inquire regarding federal, state and/or local regulations applicable to the lawful installation of video and/or audio recording or surveillance equipment. Party consent may be required.

### Outside Sales Support

Our professional and friendly regional sales managers are our first line of support. In addition to selling the features and benefits of our unique product line, they also provide on-site demonstrations and formal classroom training sessions for video surveillance and audio.

### Outstanding Product Warranties

Most of our quality video surveillance cameras are backed by a 5 year warranty and most DVRs offer a 3 year warranty.

### Committed to Customers

Our knowledgeable Customer Support staff is in place to assist in placing orders or to help answer any questions regarding our products. Customer Support is available from 8:30 AM to 5:30 PM EST.

### Elite Product Support

Our Product Support team is available to assist in designing a system, help with installations and other professional advice. Product Support is available from 8:30 AM to 7:00 PM EST.

### Training

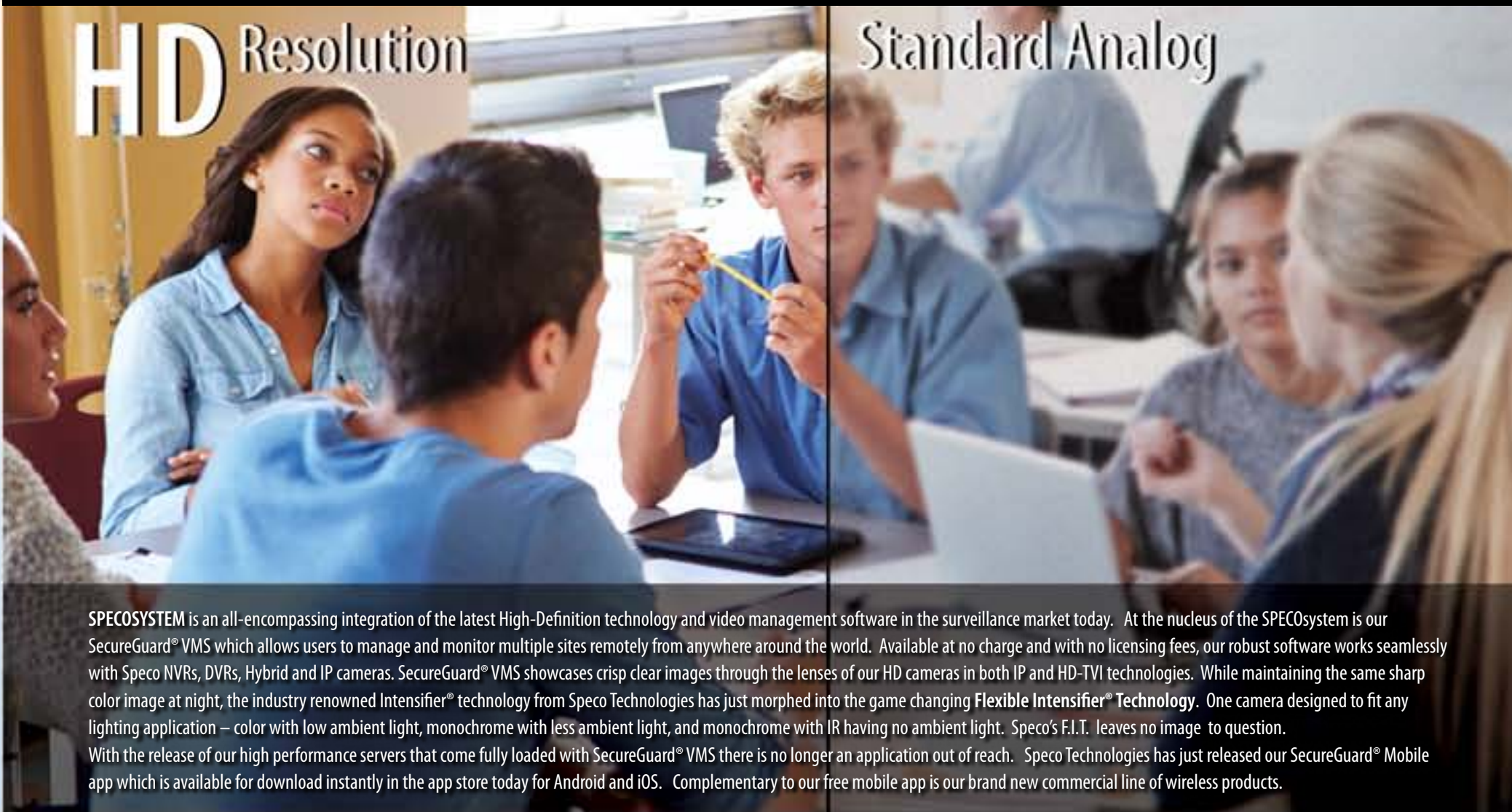
Speco offers training at industry events, distributor locations and in our corporate offices. Included in the training program are live webinars and how-to videos online. We also offer BICSI and CEU certified courses in video surveillance and 70V audio.

### Custom Marketing Support

We offer custom marketing materials with our customers' company logo and contact information added. Marketing materials include posters, postcards, mailers, brochures, email blasts, etc

### Design Service

SecureGuard® experts will help design a custom surveillance solution from the ground up with our SecureGuard® Servers at NO ADDITIONAL COST! Let our professionals select cameras and technologies that will best fit your needs or design a system that supports your existing surveillance system.



SPECOSYSTEM is an all-encompassing integration of the latest High-Definition technology and video management software in the surveillance market today. At the nucleus of the SPECOSYSTEM is our SecureGuard® VMS which allows users to manage and monitor multiple sites remotely from anywhere around the world. Available at no charge and with no licensing fees, our robust software works seamlessly with Speco NVRs, DVRs, Hybrid and IP cameras. SecureGuard® VMS showcases crisp clear images through the lenses of our HD cameras in both IP and HD-TVI technologies. While maintaining the same sharp color image at night, the industry renowned Intensifier® technology from Speco Technologies has just morphed into the game changing Flexible Intensifier® Technology. One camera designed to fit any lighting application – color with low ambient light, monochrome with less ambient light, and monochrome with IR having no ambient light. Speco's F.I.T. leaves no image to question. With the release of our high performance servers that come fully loaded with SecureGuard® VMS there is no longer an application out of reach. Speco Technologies has just released our SecureGuard® Mobile app which is available for download instantly in the app store today for Android and iOS. Complementary to our free mobile app is our brand new commercial line of wireless products.

# FLEXIBLEINTENSIFIER® TECHNOLOGY

- Available in IP or HD-TVI
- Full HD 1080p
- Adaptive IR LEDs
- Built-in heater and anti-fog glass reduces condensation under any weather condition

- Motorized lens with auto focus
- Wide dynamic range (WDR) operation
- Vandal/tamper resistant
- IP66 compliant
- More features for IP on [pages 12 and 13](#) and HD-TVI on [page 56](#)

1 Color in low ambient light with Intensifier®

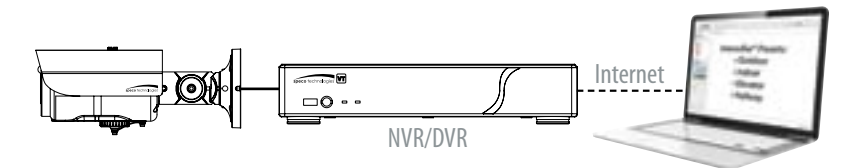
2 Monochrome in very low light without IR

3 Monochrome in almost complete darkness with IR

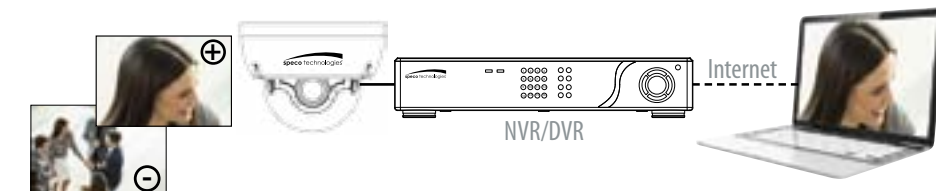
## 3 LIGHTING CHALLENGES → 1 Technology

**Flexible Intensifier® Technology Full HD 1080p Cameras** are available in both IP and HD-TVI and fit any lighting application. Each camera has 3 settings: color in low light, monochrome without IR in low light and monochrome with IR in almost complete darkness.

Control the Settings Remotely at Any Time  
(i.e. Light threshold, IR intensity, Presets, DNR, AGC)

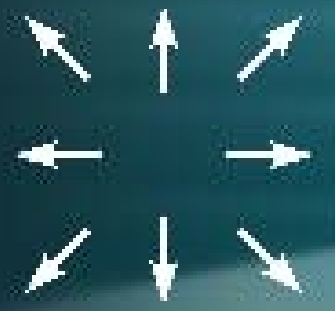


Control the Built-in Motorized Zoom/Focus Lens Remotely





Remote  
Pan & Tilt  
Control



**O2CP2**  
H.265 WiFi Pan/Tilt  
IP Camera  
pg. 11

**O2C1**  
H.265 WiFi IP Camera  
pg. 11

- IR LEDs
- Wide Angle Lens
- Dual WiFi Antenna
- Built-in Speaker and Mic
- Micro SD Slot

# Speco Connect Wireless Solutions



**Flexible recording options** — Record to SecureGuard® VMS, NS/HS/HT recorders, edge recording on micro SD cards, and local PC recording through web browser

**H.265 compression** saves approximately 40% in storage and bandwidth compared to H.264

**Easy setup** through Speco Connect mobile app



Easy setup via  
**Speco Connect App**



## Keep it simple. WiFi solutions for residential and commercial applications.



more info on  
pg. 26

The **WIFIMOD** is an adaptor that effectively transforms any Speco IP camera into a WiFi camera. Just take the Ethernet port of the IP camera and connect it to the

WIFIMOD and you are ready to go. This is the perfect solution for the IP camera installations that are difficult for cables to reach.

Instead of dealing with the unreliable and expensive recording solutions, choose between Speco's flexible options: HT/HS/NS embedded recorders, SecureGuard® VMS, micro SD card, and PC via web viewer. With any of these options, there are no recurring licensing fees.

When recording to the HT/HS/NS devices, the camera can be used in conjunction with Speco's WiFi access point, **APRPT**, that allows the camera to connect to the recorder automatically without any manual setup. In addition, if a camera is out of range, the APRPT can also be set up as a repeater, which extends the WiFi signal.

Finally, if the camera needs to be connected to any other WiFi routers or access points, change all settings simply through the Speco Connect mobile app. There is no need to log into the camera with a PC to modify settings.



**Speco Connect cameras** are the perfect wifi solution for residential and small businesses. These cameras feature 1080p video for a clear image, IR LEDs for a vivid image at night, a wide angle lens to capture as much of the scene as possible and built-in microphone and speaker for real-time 2-way audio. For added convenience the O2C1 has a magnetic base for easy placement almost anywhere.

### Plug and Play Wirelessly

Enables plug and play for the Speco Connect camera on HT/HS/NS recorders



**APRPT**  
WiFi Access Point  
more info on pg. 26





# 08D4M

3.6-10mm auto iris varifocal motorized lens, dark grey housing



## 4K H.265 Dome IP Camera



- Supports up to 4K (8MP) resolution @ 30fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Adaptive IR LEDs
- IR Range: 50' (depending on scene reflection)
- Chameleon Cover™: snaps on and can be painted to match any décor!
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Shown with included paintable, snap-on \*Chameleon Cover™

### Optional Accessories



# 08B3M

3.6-10mm auto iris varifocal motorized lens, dark grey housing



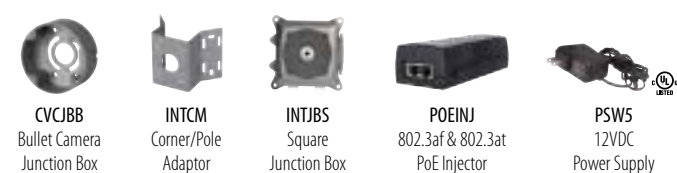
## 4K H.265 Bullet IP Camera



- Supports up to 4K (8MP) resolution @ 30fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Adaptive IR LEDs
- IR Range: 98' (depending on scene reflection)
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 05D4M

3.6-10mm auto iris varifocal motorized lens, dark grey housing

## 5MP H.265 Dome IP Camera



- Supports up to 5MP resolution @ 30fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Adaptive IR LEDs
- IR Range: 50' (depending on scene reflection)
- Chameleon Cover™: snaps on and can be painted to match any décor!
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



Shown with included paintable, snap-on \*Chameleon Cover™

### Optional Accessories



# 05B3M

3.6-10mm auto iris varifocal motorized lens, dark grey housing

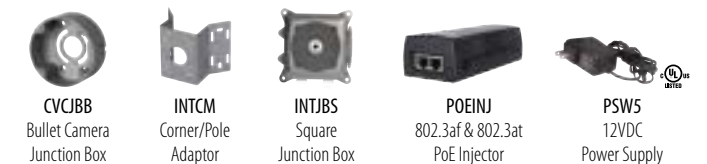
## 5MP H.265 Bullet IP Camera



- Supports up to 5MP resolution @ 30fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Adaptive IR LEDs
- IR Range: 98' (depending on scene reflection)
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 04D2M

2.7-12mm motorized lens, white housing

## 4MP Dome IP Camera



- Supports 4MP @ 20 fps / 3MP @ 30 fps
- Built-in standard PoE (IEEE 802.3af)
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- Wide Dynamic Range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP67 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



**O4JBD**  
Large Dome  
Junction Box



**PSW5**  
12VDC  
Power Supply

# 04B2M

2.7-12mm motorized lens, dark grey housing

## 4MP Bullet IP Camera



- Supports 4MP @ 20 fps / 3MP @ 30 fps
- Built-in standard PoE (IEEE 802.3af)
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- Wide Dynamic Range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- IP67 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



**O4JBB**  
Large Bullet  
Junction Box



**PSW5**  
12VDC  
Power Supply

# 02C1

2.9mm fixed lens, black housing

## 1080p H.265 WiFi IP Camera



- Dual-band WiFi camera (2T2R 802.11n)
- Perfect for residential applications
- Easy setup through mobile app – no need to log into camera through a web viewer to connect it to an access point
- Flexible recording options – record to SecureGuard® VMS, NS/HS/HT recorders, edge recording on micro SD cards, and local PC recording through web browser
- Supports up to full HD 1080p @ 30fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Built-in speaker and microphone for 2-way audio communication
- 2 year warranty



# 02CP2

3.6mm fixed lens, white housing

## 1080p H.265 WiFi Pan/Tilt IP Camera



- Dual-band WiFi camera (2T2R 802.11n)
- Remote pan & tilt control
- Perfect for residential applications
- Easy setup through mobile app – no need to log into camera through a web viewer to connect it to an access point
- Flexible recording options – record to SecureGuard® VMS, NS/HS/HT recorders, edge recording on micro SD cards, and local PC recording through web browser
- Supports up to full HD 1080p @ 30fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Built-in speaker and microphone for 2-way audio communication
- 2 year warranty





# 02D11M

2.8-12mm auto iris varifocal motorized lens, dark grey housing

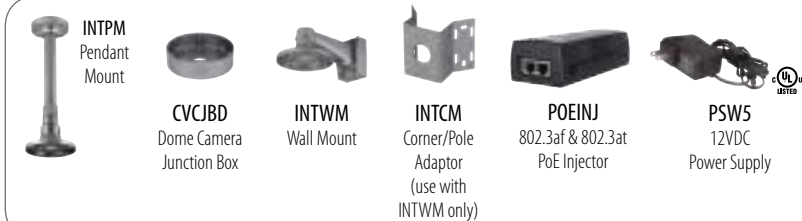
## H.265 1080p Indoor/Outdoor Dome IP Camera



- EZ Focus: motorized 3-axis & optical zoom lens with auto focus for a completely hassle-free remote focusing
- Supports up to Full HD 1080p @ 60fps
- Triple-codec operation – H.265/H.264/MJPEG
- H.265 compression saves approximately 40% in storage and bandwidth compared to H.264
- Adaptive IR LEDs
- IR Range: 65' (depending on scene reflection)
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- Micro SD card slot (card not included)
- IP66 and IK10 compliant
- Conformat with ONVIF Profile S
- 2 year warranty



### Optional Accessories



# 02FD4M

2.8-12mm auto iris varifocal motorized lens, dark grey housing

## Flexible Intensifier® Technology Full HD 1080p Dome IP Camera

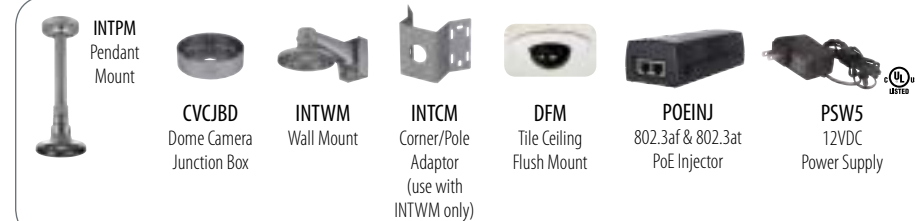


- Fits any lighting application – color in low light, monochrome with IR in almost complete darkness, and monochrome without IR in low light
- Adaptive IR LEDs
- Motorized lens with auto focus
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- IR Range: 50' (depending on scene reflection)
- Sensor input and relay output
- Chameleon Cover™: snaps on and can be painted to match any décor\*
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- IP66 compliant
- Conformat with ONVIF profile S
- 2 year warranty



Shown with included paintable, snap-on \*Chameleon Cover™

### Optional Accessories



# 02FB3M

2.8-12mm auto iris varifocal motorized lens, dark grey housing

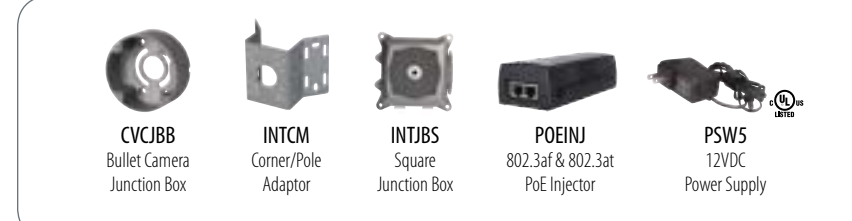
## Flexible Intensifier® Technology Full HD 1080p Bullet IP Camera



- Fits any lighting application – color in low light, monochrome with IR in almost complete darkness, and monochrome without IR in low light
- Adaptive IR LEDs
- Motorized lens with auto focus
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- IR Range: 98' (depending on scene reflection)
- Sensor input and relay output
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- IP66 compliant
- Conformat with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 02iD4M

2.8-11mm auto iris varifocal motorized lens, dark grey housing

## Intensifier IP® 1080p Dome IP Camera

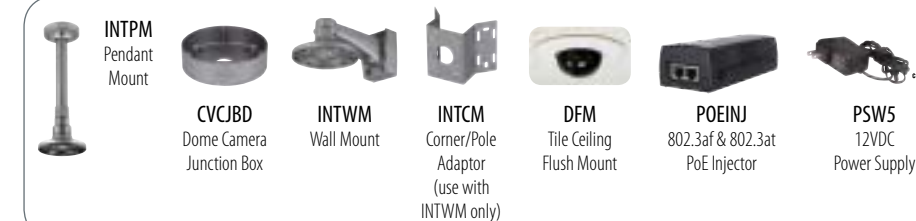


- Motorized lens with auto-focus
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- No problems caused by objects that reflect or absorb IR light sources
- Presets: Indoor, Outdoor, Elevator, Lobby, Hallway & Low Light
- Supports H.264 and MJPEG codecs
- Sensor input and relay output
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- Chameleon Cover™: snaps on and can be painted to match any décor\*
- IP66 compliant
- Conformat with ONVIF profile S
- 2 year warranty



Shown with included paintable, snap-on \*Chameleon Cover™

### Optional Accessories



\*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended.

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\*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended.

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# 02iMD1

2.9mm fixed lens, dark grey housing

# 02iMD1W

2.9mm fixed lens, white housing

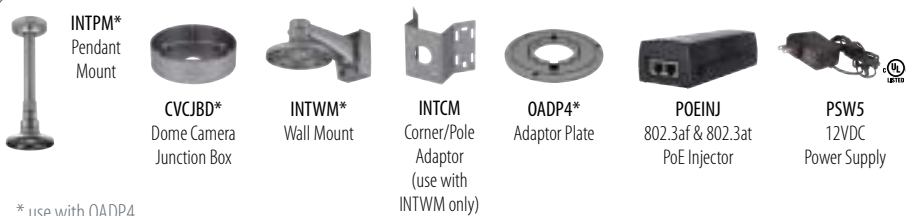
## Intensifier IP® 1080p Mini-Dome IP Cameras



- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- No problems caused by objects that reflect or absorb IR light sources
- Presets: Indoor, Outdoor, Elevator, Lobby, Hallway & Low Light
- Supports H.264 and MJPEG codecs
- Sensor input and relay output
- 3-axis lens mount
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 02iB3M

2.8-11mm auto iris varifocal motorized lens, dark grey housing

## Intensifier IP® 1080p Bullet IP Camera



- See color in low light without IR LEDs
- Motorized lens with auto-focus
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- No problems caused by objects that reflect or absorb IR light sources
- Presets: Indoor, Outdoor, Elevator, Lobby, Hallway & Low Light
- Supports H.264 and MJPEG codecs
- Sensor input and relay output
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 02iB6

2.9mm fixed lens, dark grey housing

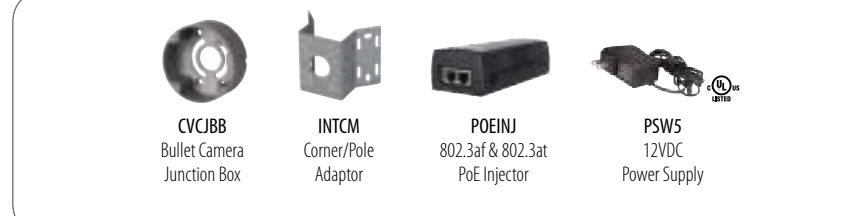
## Intensifier IP® 1080p Bullet IP Camera



- See color in low light without IR LEDs
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- No problems caused by objects that reflect or absorb IR light sources
- Presets: Indoor, Outdoor, Elevator, Lobby, Hallway & Low Light
- Supports H.264 and MJPEG codecs
- Sensor input and relay output
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 02D7M

3.3-10mm auto iris varifocal motorized lens, dark grey housing

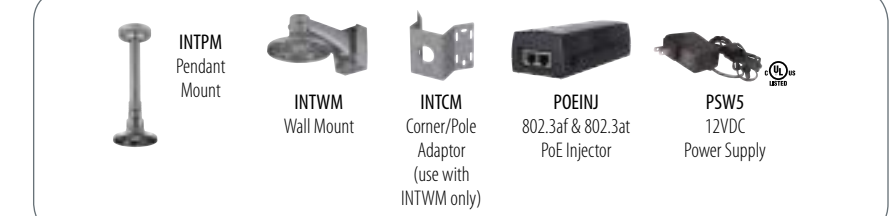
## 1080p Flush Mount Dome IP Camera with Integrated Junction Box



- Supports up to Full HD 1080p @ 30fps
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Flush mount design
- Included junction box integrates with enclosure for wall/ceiling mounting
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- IR Range: 65' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- Built-in heater reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories





# 02D5M

3.3-10mm auto iris varifocal motorized lens, dark grey housing

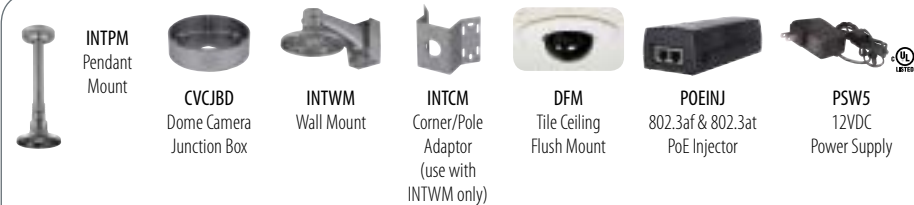
## 1080p Dome IP Camera



- Supports up to Full HD 1080p @ 30fps
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- IR Range: 65' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- Sensor input and relay output
- Built-in heater reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 02MD2

3.7mm fixed lens, dark grey housing

# 02MD2W

3.7mm fixed lens, white housing

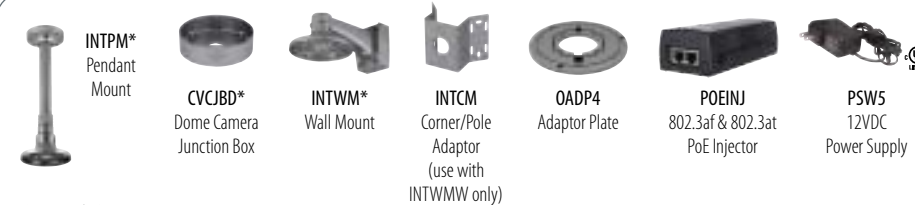
## 1080p Mini-Dome IP Cameras



- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Built-in IR LEDs
- IR Range: 30' (depending on scene reflection)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 03VLD1

2.8mm fixed lens, white housing

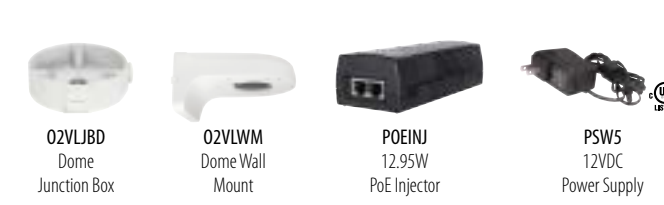
## 3MP Vandal Resistant Dome IP Camera



- Supports 3MP @ 20fps and 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR Range: 98' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- IP67 and IK10 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 02D60M

3.3-10mm auto iris varifocal motorized lens, dark grey housing

## 1080p Turret IP Camera



- Supports up to Full HD 1080p @ 30fps
- Motorized lens with auto focus
- Built-in standard PoE (IEEE 802.3af)
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- IR Range: 90' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Sensor input and relay output
- Built-in heater reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 02DP9

3.7mm fixed lens, white housing

## 1080p Indoor Mini-Dome IP Camera



- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Built-in IR LEDs
- IR Range: 30' (depending on scene reflection)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 02B16

3-9mm auto iris varifocal motorized lens, dark grey housing

## 1080p Bullet IP Camera



- EZ Focus: Motorized 3x zoom lens with auto-focus for completely hassle-free remote focusing
- Supports up to Full HD 1080p @ 60fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- Built-in IR LEDs
- IR Range: 98 ft. (depending on scene reflection)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 02B8M

3.3-10mm auto iris varifocal motorized lens, dark grey housing

## 1080p Bullet IP Camera



- Supports up to Full HD 1080p @ 30fps
- Motorized lens with auto-focus
- Built-in standard PoE (IEEE 802.3af)
- Smart IR function provides vivid image with no saturation in darkness
- True Day/Night operation (IR cut filter)
- IR Range: 90' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Sensor input and relay output
- Built-in heater reduces condensation under any weather condition
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 02B6

3.6mm fixed lens, dark grey housing

## 1080p Bullet IP Camera



- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Adaptive IR LEDs
- IR Range: 50' (depending on scene reflection)
- Wide dynamic range (WDR) operation
- Micro SD slot (card not included)
- Built-in heater reduces condensation
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories





# 03VLB3

2.8mm fixed lens, dark grey housing

## 3MP Bullet IP Camera



- Supports 3MP @ 20fps and 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- True Day/Night operation (IR cut filter)
- IR Range: 98' (depending on scene reflection)
- Supports H.264 and MJPEG codecs
- IP67 compliant
- 2 year warranty



### Optional Accessories



O2VLJBB  
Junction Box



POEINJ  
802.3af & 802.3at  
PoE Injector



PSW5  
12VDC  
Power Supply

# 02P10X

5.1-51mm 10x optical zoom lens, white housing

## Intensifier IP® 1080p Outdoor PTZ Camera



- Supports Full HD 1080p @ 30fps
- Built-in PoE+ (IEEE 802.3at)
- 10x optical zoom
- See color in low light without IR LEDs
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- IP66 compliant
- Conformant with ONVIF Profile S
- 1 year warranty



### Optional Accessories



CLGMT37X  
Pendant  
Mount



CORMT37X  
Corner/Pole  
Adaptor



POLMT37X  
Pole Mount



WLMT37X  
Wall Mount



POEINJ  
802.3af & 802.3at  
PoE Injector



PSDC24  
24VAC  
Power Supply

# 02P30X

4.3-129mm 30x optical zoom, white housing

## 1080p PTZ IP Camera with 30x Optical Zoom



- Supports up to Full HD 1080p @ 30fps
- Built-in PoE+ (IEEE 802.3at)
- 30x optical zoom
- True Day/Night operation (IR cut filter)
- Wide dynamic range (WDR) operation
- 2-way audio communication
- IP66 compliant
- 1 year warranty



### Optional Accessories



CLGMT37X  
Pendant  
Mount



CORMT37X  
Corner/Pole  
Adaptor



POLMT37X  
Pole Mount



WLMT37X  
Wall Mount



POEINJ  
802.3af & 802.3at  
PoE Injector



PSW4  
24VAC  
Power Supply

# 02T6

Compatible with CS type lenses, dark grey housing

## 1080p Indoor Traditional IP Camera



- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- SD card slot (card not included)
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



VFMP2.712DC  
2.7-12mm Lens  
Auto Iris



POEINJ  
802.3af & 802.3at  
PoE Injector



PSW5  
12VDC  
Power Supply



# 05MDP1

0.98-1.12mm panomorph lens, dark grey housing

# 05MDP1W

0.98-1.12mm panomorph lens, white housing

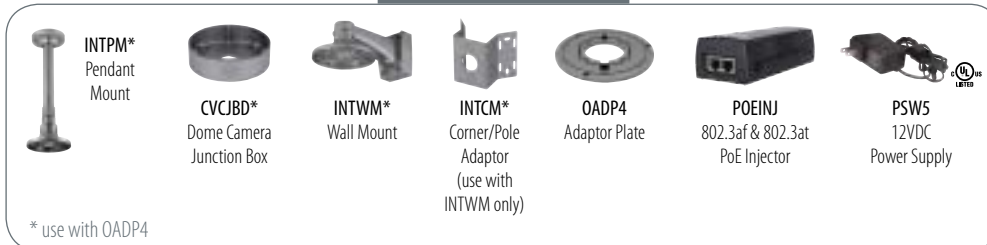
## 5MP 360° Panoramic Mini-Dome IP Cameras



- 360° field of view
- Various panoramic viewing features
- 5MP resolution
- Built-in standard PoE (IEEE 802.3af)
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- IP66 compliant
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 02MB1

3.7mm fixed lens, dark grey housing

# 02MB1W

3.7mm fixed lens, white housing

## 1080p Mini-Bullet IP Cameras



- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories



# 02MT61B

3.7mm fixed lens, black housing

## 1080p Mini-Turret IP Camera



- Supports up to Full HD 1080p @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication
- Micro SD card slot (card not included)
- Conformant with ONVIF profile S
- 2 year warranty



### Optional Accessories





# Intensifier IP® 1080p Specialty Cameras

See COLOR in LOW LIGHT in HD without IR



## 02iMT61

2.9mm fixed lens, white housing



### Mini-Turret IP Camera

- See color in low light without IR LEDs
- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- Supports H.264 and MJPEG codecs
- No problems caused by objects that reflect or absorb IR light sources
- With presets: Indoor, Outdoor, Elevator, Lobby, Hallway & Low Light
- Small footprint allows camera unit to be installed in small spaces discreetly
- Attached cable (16 ft.) connects camera unit to main unit for flexible placement
- Sensor input and relay output
- IP66 compliant (camera unit)
- Conformant with ONVIF profile S
- 2 year warranty



#### Optional Accessories



### Board IP Camera

#### 02iBD2

2.9mm fixed lens and 3.6mm pinhole lens included, black housing



### Vandal Resistant Corner Mount Camera

#### 02i607CM

2.9mm fixed lens, stainless steel housing



### Corner Mount Camera

#### 02i605CM

2.9mm fixed lens, stainless steel housing



### In-Wall Camera

#### 02i675

2.9mm fixed lens, stainless steel faceplate



### Angle Mount Camera

#### 02i695

2.9mm fixed lens, stainless steel housing



### Discreet Ceiling Mounted Color Camera

#### 02i562

3.6mm pinhole lens, white housing



### Facial Identification Camera

#### 02iTc23

2.9mm fixed lens, black housing



#### Common Features

- Supports up to Full HD resolution @ 30fps
- Built-in standard PoE (IEEE 802.3af)
- No problems caused by objects that reflect or absorb IR light sources
- Presets: Indoor, Outdoor, Elevator, Lobby, Hallway & Low Light
- Wide dynamic range (WDR) operation
- Supports H.264 and MJPEG codecs
- 2-way audio communication

#### Optional Accessories



# OS102

## Dual-Codec H.264/MJPEG 1 Ch. Video Server

OS102 is a dual-codec (H.264 & MJPEG) video server in an ultra compact housing. Multiple video streams with differentiated resolutions and frame rates will ensure highest quality service while enabling simultaneous connections through lower speed networks. It supports all the features required on a 1 channel video server plus advanced features for cost savings. It will convert your analog CCTV camera into an advanced IP video camera.



#### Optional Accessories



# D1BD

## Single Channel IP Encoder for Analog Cameras

D1BD is a dual-codec (H.264 & MJPEG) single channel encoder. It is a cost effective solution for converting video from an analog camera into IP. Converts analog video into digital D1 resolution @ 30fps.



#### Optional Accessories



# IP Accessories



## WiFi Adaptor for IP Cameras

### WIFIMOD

- Converts Speco IP cameras to WiFi
- Dual-band WiFi (2T2R 802.11n)
- Easy setup through Speco Connect mobile app - no need to log into the camera through a web viewer to connect it to an access point
- 2 year warranty



## 4/8 PoE Port 10/100 802.3af/at Switch



### POE4SW5 / POE8SW9

- Total ports: 5 / 9
- PoE ports: 4 / 8
- Ethernet speed: 10/100MBPS
- Ethernet standards: IEEE 802.3/802.3u/802.3at/af
- Power max per single port 25W
- Power max for entire unit 65W / 100W

## 16 PoE Port 10/100 802.3af/ at Switch



### POE16SW18

- 1U, 19" metal casing
- 16 10/100Mbps RJ-45 with PoE/PSE ports
- 2 combo Gigabit UTP/SFP uplink ports
- Max. 30W power per PoE/PSE port, with total power budget of 230W
- Complies with IEEE 802.3u 100Base-TX, IEEE 802.x flow control, 802.3az Green Ethernet, IEEE 802.3at and backwards compatible with IEEE 802.3af
- 200Mbps transmission speed in full-duplex mode
- Flow control: back pressure in half-duplex and IEEE 802.3x in full-duplex

## 802.3af/at PoE Injector



### POEINJ

- Ports: 1 x RJ-45 output, 1 x RJ-45 input
- Ethernet speed: Up to 10/100/1000MBPS
- PoE standards: IEEE 802.3at/af
- Power: 25.5W Max

## 802.3af/at PoE Splitter



### POESPL

- Ports: 1 x RJ-45, 1 x 2-pin terminal block output, 1 x RJ-45 input
- Ethernet speed: Up to 10/100MBPS
- PoE standards: IEEE 802.3at/af
- PoE power: 20W Max

## PoE Surge Protector

### SPPOE



- RJ45 to RJ45 connection
- 802.3af compatible
- Works with both midspans and endspans/switches
- Power and signal line protection
- Sold in pairs to protect expensive equipment at both ends of run

## PoE/LAN Repeater

### IPPOERPT

- Extends both power and data 330' per repeater
- Purchase a second repeater for a total run of 1000'
- No external power required



- Compatible with the 802.3af standard
- Supports gigabit network speeds
- Plug and play for easy installation

## Ethernet and Power Over Coax Adaptor Kit

One transmitter unit (IPC), One receiver unit (SV), Power supply

### EPCOAX

- Use coaxial cable to transmit power and ethernet data.
- Max transmission distance up to 3200' (2km)
- Network delay less than 1ms
- Loop circuit mode feature
- Supports resolutions up to 1080p



## 300Mbps, 2.4Ghz Outdoor WiFi AP & Repeater

### APRPT

- Extends the range of WiFi ready equipment beyond typical performance range with a signal up to 300'
- Enables plug and play for the Speco Connect camera on HT/HS/NS recorders
- Includes ball joint mount with wall and pole mount attachments



Sold individually



## 300Mbps Outdoor Point-to-Point AP with DIP Function

### AP200M 2.4Ghz AP300M 5.85Ghz

- Point-to-point direct networking between camera and recorder/viewer
- Frequency and IP address set by dip switches
- Signal up to 7000' line of sight
- Includes ball joint mount with wall and pole mount attachments

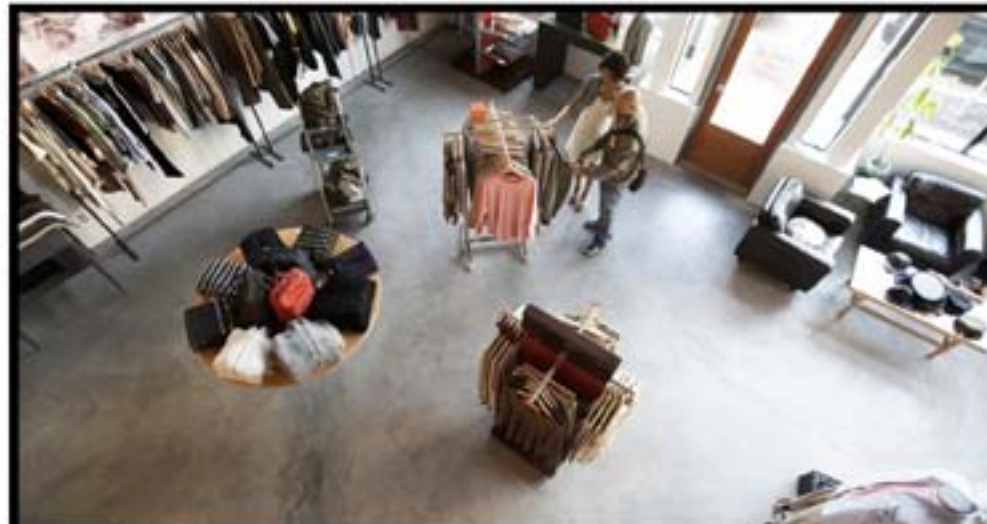


AP200M Sold individually

AP300M Sold individually



# VIDEO SURVEILLANCE KITS



## GREAT FOR RESIDENTIAL APPLICATIONS



## PERFECT FOR SMALL COMMERCIAL APPLICATIONS

### ALL-IN-ONE 4 channel and 8 channel kits with 4 or 8 1080p bullet and/or dome cameras

Our all-in-one kits are expanding and now available in several different technologies and configurations. Forget the hassle of picking out individual products, now just grab a kit and go! Best suited for small commercial or residential applications our kits not only come in IP or HD-TVI but also with wall mounts to promote a more covert operation. After much anticipation and high demand we now have Intensifier® kits that are available with either wall mount or desktop recorders.

See page 50 for IP kits



See page 51 for HD-TVI kits



See page 52 for Wall Mount kits



See page 53 for Intensifier® kits





# IP Camera Comparison Chart



Category	4K H.265	4K H.265	5MP H.265	5MP H.265	4MP IR	4MP IR
<b>Model</b>	<b>O8D4M</b>	<b>O8B3M</b>	<b>O5D4M</b>	<b>O5B3M</b>	<b>O4D2M</b>	<b>O4B2M</b>
<b>Product Image</b>						
<b>Environment</b>	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
<b>Lens</b>	3.6-10mm motorized	3.6-10mm motorized	3.6-10mm motorized	3.6-10mm motorized	2.7-12mm motorized	2.7-12mm motorized
<b>Image Sensor</b>	1/1.9" CMOS	1/1.9" CMOS	1/1.8" CMOS	1/1.8" CMOS	1/3" CMOS	1/3" CMOS
<b>Maximum Resolution</b>	3840 x 2160	3840 x 2160	2592 x 1944	2592 x 1944	2560 x 1440	2560 x 1440
<b>Frame Rate</b>	Max. 30fps @ 3840x2160 / 2592x1456 Max. 120fps @ 1920 x 1080 / 1280x720	Max. 30fps @ 3840x2160 / 2592x1456 Max. 120fps @ 1920 x 1080 / 1280x720	Max. 30fps @ 2592x1944 / 2592x1456 / 2048x1536 / 1920x1080	Max. 30fps @ 2592x1944 / 2592x1456 / 2048x1536 / 1920x1080	Max. 30fps @ 2560x1440 / 2304x1296 / 1920x1080	Max. 30fps @ 2560x1440 / 2304x1296 / 1920x1080
<b>Minimum Illumination</b>	F1.5, Color: 0.2 lux, BW: 0 lux (IR LED on)	F1.5, Color: 0.2 lux, BW: 0 lux (IR LED on)	F1.2, 0 lux (IR LED on)	F1.2, 0 lux (IR LED on)	F1.4, 0 lux (IR LED on)	F1.4, 0 lux (IR LED on)
<b>Compensation</b>	WDR	WDR	WDR	WDR	WDR	WDR
<b>Day/Night</b>	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
<b>IR Range</b> (depending on scene reflection)	50 ft.	98 ft.	50 ft.	98 ft.	160 ft.	160 ft.
<b>Number of Streams</b>	3	3	3	3	3	3
<b>Compression</b>	H.265 / H.264 (HP/MP/BP) / MJPEG	H.265 / H.264 (HP/MP/BP) / MJPEG	H.265 / H.264 (HP/MP/BP) / MJPEG	H.265 / H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG
<b>Audio Compression</b>	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps
<b>Audio Connection</b>	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out
<b>Alarm Connection</b>	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output
<b>Analog Output</b>	CVBS test output	CVBS test output	CVBS test output	CVBS test output	CVBS test output	CVBS test output
<b>Storage</b>	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot
<b>Network Connection</b>	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps
<b>Power</b>	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE
<b>Power Consumption</b>	8W	8.4W	8W	8W	10W	10W
<b>Operating Temperature</b>	-14°F - 122°F	-14°F - 122°F	-4°F - 122°F	-4°F - 122°F	-22°F - 140°F	-22°F - 140°F
<b>Client Compatibility</b>	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV
<b>Additional Features</b>	IP66, smart IR, 3-axis, Chameleon Cover™	IP66, smart IR	IP66, smart IR, 3-axis, Chameleon Cover™	IP66, smart IR	IP67, smart IR, 3-axis	IP67, smart IR

# IP Camera Comparison Chart



Category	WiFi	WiFi	Flexible Intensifier®	Flexible Intensifier®	Intensifier®	Intensifier®	Intensifier®
<b>Model</b>	<b>O2C1</b>	<b>O2CP2</b>	<b>O2FD4M</b>	<b>O2FB3M</b>	<b>O2iD4M</b>	<b>O2iMD1 / O2iMD1W</b>	<b>O2iB3M</b>
<b>Product Image</b>							
<b>Environment</b>	Indoor	Indoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
<b>Lens</b>	2.9mm fixed	3.6mm fixed	2.8-12mm motorized	2.8-12mm motorized	2.8-11mm motorized	2.9mm fixed	2.8-11mm motorized
<b>Image Sensor</b>	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
<b>Maximum Resolution</b>	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
<b>Frame Rate</b>	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720
<b>Minimum Illumination</b>	F1.4, Color: 0.14 lux, B/W: 0 lux (IR LED on)	F2.5, 0 lux (IR LED on)	F1.2, 0 lux (IR LED on)	F1.2, 0 lux (IR LED on)	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)
<b>Compensation</b>	WDR	WDR	WDR, BLC	WDR, BLC	WDR, BLC	WDR, BLC	WDR, BLC
<b>Day/Night</b>	IR cut filter	IR cut filter	Intensifier® / IR cut filter	Intensifier® / IR cut filter	Intensifier®	Intensifier®	Intensifier®
<b>IR Range</b> (depending on scene reflection)	33 ft.	30 ft.	50 ft.	98 ft.	-	-	-
<b>Number of Streams</b>	3	3	3	3	3	3	3
<b>Compression</b>	H.265 / H.264 (HP/MP/BP) / MJPEG	H.265 / H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG
<b>Audio Compression</b>	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps
<b>Audio Connection</b>	Integrated Mic / Speaker	Integrated Mic / Speaker	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out
<b>Alarm Connection</b>	-	-	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output
<b>Analog Output</b>	-	-	CVBS test output	CVBS test output	CVBS test output	CVBS test output	CVBS test output
<b>Storage</b>	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot
<b>Network Connection</b>	WiFi 802.11b/g/n 2T2R	WiFi 802.11b/g/n 2T2R	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps
<b>Power</b>	5VDC	5VDC	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE
<b>Power Consumption</b>	12.5W	12.5W	8W	8W	8W	7W	8W
<b>Operating Temperature</b>	32°F - 113°F	32°F - 113°F	-4°F - 122°F	-4°F - 122°F	-4°F - 122°F	-4°F - 122°F	-4°F - 122°F
<b>Client Compatibility</b>	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, Speco Connect, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, Speco Connect, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV
<b>Additional Features</b>	Smart IR	Smart IR, Remote Pan/Tilt	IP66, Smart IR, Heater, 3-axis, Chameleon Cover™	IP66, Smart IR	IP66, Heater, 3-axis, Chameleon Cover™	IP66, 3-axis	IP66, Heater

# IP Camera Comparison Chart



Category	Intensifier®	IR	IR	IR	IR	IR	3MP IR
<b>Model</b>	<b>O2iB6</b>	<b>O2D11M</b>	<b>O2D7M</b>	<b>O2D5M</b>	<b>O2D60M</b>	<b>O2MD2 / O2MD2W</b>	<b>O3VLD1</b>
<b>Product Image</b>							
<b>Environment</b>	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
<b>Lens</b>	2.9mm fixed	2.8-12mm motorized	3.3-10mm motorized	3.3-10mm motorized	3.3-10mm motorized	3.7mm fixed	2.8mm fixed lens
<b>Image Sensor</b>	1/3" CMOS	1/3" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/2.9" CMOS	1/3" CMOS
<b>Maximum Resolution</b>	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	2304 x 1296
<b>Frame Rate</b>	Max. 30fps @ 1920x1080 / 1280x720	Max. 60fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 20fps @ 2304x1296 Max. 30fps @ 1920x1080 / 1280x720
<b>Minimum Illumination</b>	F1.2, Color: 0.001 lux (max intensify)	F1.5, Color: 0.2 lux, BW: 0 lux	F1.4, 0 lux (IR LED on)	F1.4, 0 lux (IR LED on)	F1.4, 0 lux (IR LED on)	F2.0, Color: 0.2 lux, BW: 0 lux	F2.0, Color: 0.37 lux, BW: 0 lux
<b>Compensation</b>	WDR, BLC	IR LED on	D-WDR, BLC	D-WDR, BLC	D-WDR, BLC	WDR	D-WDR, BLC
<b>Day/Night</b>	Intensifier®	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter
<b>IR Range</b> (depending on scene reflection)	-	65 ft.	65 ft.	65 ft.	90 ft.	30 ft.	98 ft.
<b>Number of Streams</b>	3	3	3	3	3	2	2
<b>Compression</b>	H.264 (HP/MP/BP) / MJPEG	H.265 / H.264 (HP/MP/BP) / MJPEG	H.264 (MP) / MJPEG	H.264 (MP) / MJPEG	H.264 (MP) / MJPEG	H.264 (MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG
<b>Audio Compression</b>	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	-	-
<b>Audio Connection</b>	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	-	-
<b>Alarm Connection</b>	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	-	-
<b>Analog Output</b>	CVBS test output	CVBS test output	BNC output	BNC output	BNC output	-	-
<b>Storage</b>	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	-	-
<b>Network Connection</b>	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps
<b>Power</b>	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE
<b>Power Consumption</b>	7W	8W	-	-	-	-	5W
<b>Operating Temperature</b>	-4°F - 122°F	14°F - 122°F	-4°F - 122°F	-4°F - 122°F	-4°F - 122°F	-13°F - 122°F	-20°F - 140°F
<b>Client Compatibility</b>	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV
<b>Additional Features</b>	IP66, Heater	IP66, EZ Focus, Smart IR, 3-axis	IP66, Smart IR, Heater, 3-axis	IP66, Smart IR, heater, 3-axis, Chameleon Cover™	IP66, Smart IR, Heater	IP66, 3-axis	IP67, 3-axis

# IP Camera Comparison Chart



Category	IR	IR	IR	IR	3MP IR	PTZ	PTZ
<b>Model</b>	<b>O2DP9</b>	<b>O2B16</b>	<b>O2B8M</b>	<b>O2B6</b>	<b>O3VLB3</b>	<b>O2P30X</b>	<b>O2P10X</b>
<b>Product Image</b>							
<b>Environment</b>	Indoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
<b>Lens</b>	3.7mm fixed	3-9mm motorized	3.3-10mm motorized	3.6mm fixed	2.8mm fixed	4.3-129mm 30x optical zoom	5.1-51mm 10x optical zoom
<b>Image Sensor</b>	1/2.9" CMOS	1/2.8" CMOS	1/2.8" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS
<b>Maximum Resolution</b>	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	2304 x 1296	1920 x 1080	1920 x 1080
<b>Frame Rate</b>	Max. 30fps @ 1920x1080 / 1280x720	Max. 60fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 20fps @ 2304x1296 Max. 30fps @ 1920x1080 / 1280x720*	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720
<b>Minimum Illumination</b>	F2.0, Color: 0.2 lux, BW: 0 lux	F1.2, Color: 0.05 lux, BW: 0.01 lux	F1.4, 0 lux (IR LED on)	F2.0, 0 lux (IR LED on)	F2.0, Color: 0.37 lux, BW: 0 lux	Color: 0.5 lux, BW: 0.1 lux	F1.2, Color: 0.05 lux (max intensify)
<b>Compensation</b>	WDR	WDR, BLC	D-WDR, BLC	WDR	D-WDR, BLC	WDR, BLC	WDR
<b>Day/Night</b>	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	IR cut filter	Intensifier®
<b>IR Range</b> (depending on scene reflection)	30 ft.	98 ft.	90 ft.	50 ft.	98 ft.	-	-
<b>Number of Streams</b>	2	3	3	3	2	3	3
<b>Compression</b>	H.264 (MP/BP) / MJPEG	H.264 (HP/MP) / MJPEG	H.264 (MP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG
<b>Audio Compression</b>	-	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	-	G.711 64Kbps	G.711 64Kbps
<b>Audio Connection</b>	-	Line in / Line out	Line in / Line out	Line in / Line out	-	Line in / Line out	Line in / Line out
<b>Alarm Connection</b>	-	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	-	Sensor input / Relay output	Sensor input / Relay output
<b>Analog Output</b>	-	CVBS test output	BNC output	CVBS test output	-	BNC output	-
<b>Storage</b>	-	Micro SD slot	Micro SD slot	Micro SD slot	-	-	-
<b>Network Connection</b>	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps
<b>Power</b>	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	24VAC, 802.3at PoE+	12VDC, 802.3af PoE+
<b>Power Consumption</b>	7W	9W	9W	7W	5W	24W	15W
<b>Operating Temperature</b>	32°F - 113°F	14°F - 122°F	-4°F - 122°F	-4°F - 122°F	-20°F - 140°F	-4°F - 122°F	14°F - 122°F
<b>Client Compatibility</b>	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV
<b>Additional Features</b>	3-axis	IP66, smart IR	IP66, smart IR, heater	IP66, smart IR, heater	IP67	IP66	IP66



# IP Camera Comparison Chart



Category	Traditional	5MP 360°	Specialty Intensifier®	Specialty	Specialty	Specialty Intensifier®	Specialty Intensifier®
Model	O2T6	O5MDP1 / O5MDP1W	O2iMT61	O2MT61B	O2MB1 / O2MB1W	O2iBD2	O2i605CM
Product Image							
Environment	Indoor	Outdoor	Outdoor	Outdoor	Outdoor	Indoor	Indoor
Lens	CS type compatible	0.98-1.12mm panomorph	2.9mm fixed	3.7mm fixed	3.7mm fixed	2.9mm fixed / 3.6mm pinhole	2.9mm fixed
Image Sensor	1/2.9" CMOS	1/2.5" CMOS	1/3" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/3" CMOS	1/3" CMOS
Maximum Resolution	1920 x 1080	2592 x 1944	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	Max. 30fps @ 1920x1080 / 1280x720	Max. 10fps @ 2592x1944	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720
Minimum Illumination	F1.4, BW: 0.12 lux	F1.4, 0.12 lux	F1.2, Color: 0.001 lux (max intensify)	F1.4, 0.12 lux	F1.4, 0.12 lux	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)
Compensation	WDR	WDR	WDR, BLC	WDR	WDR	WDR, BLC	WDR, BLC
Day/Night	IR cut filter	-	Intensifier®	-	-	Intensifier®	Intensifier®
IR Range (depending on scene reflection)	-	-	-	-	-	-	-
Number of Streams	3	3	3	3	3	3	3
Compression	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG
Audio Compression	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps
Audio Connection	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out
Alarm Connection	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output
Analog Output	CVBS test output	CVBS test output	-	-	-	-	-
Storage	SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot
Network Connection	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps
Power	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE
Power Consumption	6W	3W	7W	8W	8W	6W	6W
Operating Temperature	32° F - 113° F	-4° F - 122° F	14° F - 122° F	32° F - 113° F	32° F - 113° F	14° F - 122° F	14° F - 122° F
Client Compatibility	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV
Additional Features	-	IP66	IP66 (camera unit)	-	-	-	Corner mount housing

# IP Camera Comparison Chart



Category	Specialty Intensifier®	Specialty Intensifier®	Specialty Intensifier®	Specialty Intensifier®	Specialty Intensifier®	Encoder	Encoder
Model	O2i607CM	O2i675	O2i695	O2iT23	O2i562	OS102	D1BD
Product Image							
Environment	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Lens	2.9mm fixed	2.9mm fixed	2.9mm fixed	2.9mm fixed	3.6mm pinhole	-	-
Image Sensor	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/3" CMOS	-	-
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	704 x 480	704 x 480
Frame Rate	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 1920x1080 / 1280x720	Max. 30fps @ 704x480	Max. 30fps @ 704x480
Minimum Illumination	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)	F1.2, Color: 0.001 lux (max intensify)	-	-
Compensation	WDR, BLC	WDR, BLC	WDR, BLC	WDR, BLC	WDR, BLC	-	-
Day/Night	Intensifier®	Intensifier®	Intensifier®	Intensifier®	Intensifier®	-	-
IR Range (depending on scene reflection)	-	-	-	-	-	-	-
Number of Streams	3	3	3	3	3	2	2
Compression	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 (HP/MP/BP) / MJPEG	H.264 / MJPEG	H.264 / MJPEG
Audio Compression	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	G.711 64Kbps	-	-
Audio Connection	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	Line in / Line out	-	-
Alarm Connection	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	Sensor input / Relay output	-
Analog Output	-	-	-	-	-	-	-
Storage	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	Micro SD slot	-	-
Network Connection	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps	Ethernet 10/100 Mbps
Power	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC, 802.3af PoE	12VDC	12VDC
Power Consumption	6W	6W	6W	6W	6W	3W	3W
Operating Temperature	14° F - 122° F	14° F - 122° F	14° F - 122° F	14° F - 122° F	14° F - 122° F	32° F - 113° F	32° F - 113° F
Client Compatibility	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV	SecureGuard® VMS, Internet Explorer, SecureGuard® Mobile, SecureGuard® for Apple TV
Additional Features	Vandal resistant corner mount housing	In-wall faceplate housing	Angle mount housing	Facial Identification housing	Ceiling mount housing	-	-

SecureGuard® VMS allows users to view their sites remotely from anywhere in the world **without licensing fees.** With our software you can effortlessly manage and monitor multiple sites for **FREE.**

A simple and powerful video management software that lets users easily manage Speco's line of DVRs, NVRs, and IP cameras. Users can view, record, playback and export multiple DVRs, NVRs, and IP cameras from anywhere, all at the same time. The easy-to-use user interface is all you need to completely monitor your surveillance system. Free updates will keep you up-to-date with Speco's latest offerings. It is available for **FREE** with **NO licensing fees.**

Enhance your experience with SecureGuard® by using one of Speco's SecureGuard® Servers. These high performing and reliable servers are flexible and fully scalable to meet the growing demands of your surveillance infrastructure.

## FREE & EASY-TO-USE VMS SOFTWARE

- Available as a standalone or client-server application
- Compatible with Speco DVRs, NVRs and IP cameras
- View up to 64 cameras in a single instance
- Store unlimited number of DVRs, NVRs, IP cameras and Mobile Devices
- Create unlimited number of users and authority roles
- Auto-detection of Speco IP cameras for easy setup
- Free software updates
- Remotely configure DVRs, NVRs, and IP cameras through their web interface
- Backup and restore system database in case of system or hardware failures
- Tag sites of interest for quick and easy identification within the system environment
- Prevent user access to IP cameras and DVR/NVR channels in live view and playback
- Notify users of event driven recordings through email notifications (Pre-loaded with Gmail, Yahoo Mail, Hotmail, Microsoft Live, and AOL email server settings)
- Option of connecting to sites via DDNS
- Import/Export system settings to save setup time
- Activate system lock to prevent tampering
- Comes packaged with Speco's IP Scanner tool and SecureGuard® Player
- Record to a DAS or a NAS drive for expanded storage
- Dewarp Immervision 360 degree panoramic lens
- Stream real-time video from mobile device using SecureGuard® Streamer

## LIVE VIEWING

- PTZ control through DVR and NVR as well as PTZ IP camera
- Digital PTZ also available on every camera
- Select sites of particular interest in various screen modes for video sequencing
- Take quick snapshots of sites in question during live and playback modes
- Improve on-screen image quality in live and playback modes by adjusting the brightness, contrast, saturation, hue, and sharpness
- Manually record sites when necessary
- Dual Stream support for IP cameras, DVRs and NVRs reduces video network traffic and improves system performance<sup>2</sup>
- On-screen visual indicators notify you when a recording is triggered by an event
- Save your sites of interest in your favorite layout
- Send audio to single or multiple edge devices—IP cameras, DVRs, and NVRs—at once by using Push-To-Talk or by sending a pre-loaded audio message<sup>2</sup>
- Stream audio continuously to multiple edge devices<sup>2</sup>



# TAKE CONTROL OF YOUR SECURITY

## RECORDING, PLAYBACK AND EXPORT

- Single and multi-site playback
- Automate the recording process by setting up recording schedules
- Continuous and Event based recordings available for Speco DVRs, NVRs, and IP cameras
- Playback video from Speco DVRs, NVRs, and IP cameras with SD card support<sup>1</sup>
- Search through scheduled and edge recordings fast, easily and efficiently using EZ Search, Event Search and Timeline Search<sup>3,4</sup>
- Quickly glide through scheduled recordings in 5 minute to 1 hour time increments using the playback sliderbar
- Listen and record audio from Speco IP cameras, DVRs and NVRs<sup>2</sup>
- Flexibility of exporting data in avi, mkv, or mov format
- Multi-channel playback available for exported clips from DVRs & NVRs with SecureGuard® Player
- Watermark archived video on exports by placing image overlay on either of the 4 corners of the video frame
- Batch export multiple event clips from list of local/server events

# SecureGuard® Servers Custom Configured for each application.



### SG115

- » Up to 24 HD 1080p Cameras
- » 6TB Internal Storage



### SG315

- » Up to 64 HD 1080p IP Cameras
- » Up to 48TB Internal Storage



### SG515 (2U)

- » Up to 128 HD 1080p IP Cameras
- » Up to 72TB Internal Storage



### SG515 (4U)

- » Up to 128 HD 1080p IP Cameras
- » Up to 144TB Internal Storage

**BE ANYWHERE AT ANYTIME** with these high performance and reliable servers that come loaded with our powerful yet easy-to-use video management software, SecureGuard®.

SecureGuard® lets you easily manage, monitor, and control multiple sites for FREE and with the accompanying client software, SecureGuard® Client, multiple users can view and playback video from the server and the sites from anywhere in the world. SecureGuard® is fully scalable to meet the growing demands of your business' surveillance needs. Free software updates will keep you up-to-date with Speco's latest technological advancements and will keep your system performing optimally at no cost.



- » **FREE** Video Management Software with **NO** licensing fees
- » Simple user interface for managing Speco's line of IP Cameras, NVRs and DVRs
- » Free updates will keep you up-to-date with Speco's latest offerings
- » Fully scalable to support any installation type
- » Hardware RAID available on select models
- » Stay connected 24/7 with Speco's **FREE** DDNS service



Contact our team today! 1.800.645.5516

## SecureGuard® Design Service

**We Design Your Surveillance System!**

DON'T STRESS OVER WHAT SURVEILLANCE SYSTEM YOU NEED! SecureGuard® experts will help design a custom surveillance solution from the ground up with our SecureGuard® Servers at **NO ADDITIONAL COST!** Let our professionals select cameras and technologies that will best fit your needs or design a system that supports your existing surveillance system.

**VALUE ADDED SERVICE AT NO COST!**

For more information visit [specotech.com](http://specotech.com) <sup>1</sup>O2D10, O2DP14, O2B16, O2P30 not supported. <sup>2</sup>CS, LS, PS, GS, CX, LX not supported. <sup>3</sup>EZ Search & Event Search for edge recordings on IP cameras not supported. <sup>4</sup>EZ Search for edge recordings on CS, LS, PS, GS, CX, LX not supported.



# SecureGuard® Mobile



SecureGuard® Mobile is the remote viewing app for Speco products. Available for Android™, iPhone® and iPad®



## FEATURES

- Supports live view on IP cameras and NVRs/DVRs
- Supports playback on NVRs/DVRs with pause, rewind, and fast forward controls
- View individual camera channels from different recording devices in a single, custom group
- Built-in PTZ controls
- Go directly to your favorite group with the default group
- Live view support for SecureGuard® Server sites on your iPhone®

With SecureGuard® Mobile users have the capability of viewing both live and playback on any of Speco Technologies' recording devices.

SecureGuard® Mobile also allows users to set up custom groups of specific channels that can be placed together and viewed in one group. Digital Zoom, PTZ controls and audio features are also available. Stay up-to-date with Speco's latest technological advancements.



Download SecureGuard® Mobile in your app store today!



# SecureGuard® Streamer



Let your smartphone be your surveillance camera / point of view body cam!



Download Speco Streamer app and stream what is on your smartphone live while recording to SecureGuard® Server for real-time video surveillance



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# SecureGuard® for Apple TV



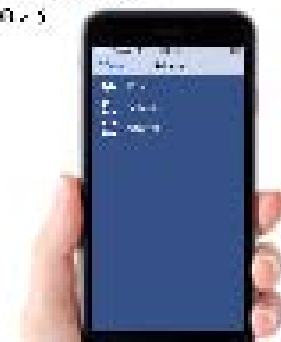
Compatible with Speco NVRs, DVRs and IP Cameras

View your sites at any location from the convenience of your own home or business with Apple TV\*



For Site Sync feature update to SecureGuard Mobile

N32NS2TB



Experience easy setup through Site Sync with SecureGuard® Mobile app. Sync all sites to your Apple TV all at once, or download SecureGuard through this App Store and enjoy a hassle-free setup within minutes!



Using Speco's NVRs, DVRs and IP cameras enjoy a beautiful image and view your sites enabled in SecureGuard® Mobile.

# NS 4K H.265 NVR



## N32NS

32 Channel Network Video Recorder

Configurations			
N32NS2TB	N32NS4TB	N32NS9TB	N32NS18TB
N32NS3TB	N32NS6TB	N32NS12TB	-

### EZ Wizards

- Camera: quickly discovers and installs IP cameras
- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type

**EZ Search:** quickly search events from thumbnails

**EZ Copy:** auto copy what you are playing onto a USB flash drive

- Video Out: 1 HDMI, 1 VGA, 1 CVBS
- Supports up to 4K resolution
- Plug & play feature with Speco's IP cameras
- Dual network ports for isolating IP camera network and remote network traffic
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Supports H.265 and H.264 codecs profiles automatically
- Network video recorder with free Speco DDNS server
- Cloud upload for events via Google Drive
- Mass alert notification via Twitter
- 16 local audio inputs, 32 IP audio inputs
- Switch between low and high quality stream during simultaneous Continuous + Motion or Continuous + Sensor recording modes for storage optimization
- Easy firmware upgrade by USB port or network
- Remote monitoring / recording / playback / configuration / software upgrades and PTZ control via internet
- Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
- PC and MAC® compatible
- 3 year warranty

Model		N32NS		
Video	Input	IP Channel	32	
	Output	HDMI	1 HDMI (4K - 3840x2160, 1920x1080), VGA (1920x1080), CVBS (Main)	
Audio	Input & Output		16 line input, 32 IP input, 1 line output, 32 IP output	
Alarm	Sensor Input (NC/NO Selectable)		4 local, 32 IP	
	Alarm Output		1	
Recording	Compression		<b>H.265</b> and H.264	
	Multi-Operation		Quadplex (play, record, network, backup)	
	Resolution	3840x2160 (4K)		Ch. 1-4 (30fps each)
		2592x1944 (5MP)		Ch. 1-12 (30fps each)
		2304x1296 (3MP)		Ch. 1-32 (30fps each)
1920x1080 (2MP)		Ch. 1-32 (30fps each)		
Storage	HDD	Interface Type	Serial ATA	
		Capacity of 1 HDD	6TB	
		Internal HDD Number	3	
	Backup	e-SATA	1 (supports 4-Bay DAS)	
		USB Flash Drive	Video & Still Image	
		USB External HDD	Video & Still Image	
Network		Video & Still Image		
USB Port		3		
Network	Interface		10/100/1000 base-TX ethernet	
	IP Camera Throughput		210 Mbps	
Viewing Clients		SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer		
Features	SW Upgrade		USB and remote software upgrade	
Power Source	Power Supply Voltage		12VDC, 5A	

### Optional Accessories





# HT HYBRID SERIES IP / HD-TVI / Analog Recorder



## D8HT

8 Channel IP, HD-TVI & Analog Full Hybrid Video Recorder

## D16HT

16 Channel IP, HD-TVI & Analog Full Hybrid Video Recorder

Configurations			
D8HT1TB	D8HT6TB	D16HT1TB	D16HT6TB
D8HT2TB	D8HT8TB	D16HT2TB	D16HT8TB
D8HT3TB	D8HT9TB	D16HT3TB	D16HT9TB
D8HT4TB	D8HT12TB	D16HT4TB	D16HT12TB

### EZ Wizards

- Camera: quickly discovers and installs IP cameras
- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type

**EZ Search:** quickly search events from thumbnails

**EZ Copy:** auto copy what you are playing onto a USB flash drive

- Real-time recording rate at 30fps/channel on IP / TVI / Analog
- Up to 5MP IP camera resolution on **all** channels
- 1080p@30fps / 720p@30fps on HD-TVI channels
- Dual network ports for isolating IP camera network and remote network traffic
- Networkable full hybrid DVR with free Speco DDNS server
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Cloud upload for events via Google Drive
- UTC function allows for zoom/focus and OSD control over coax
- Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
- Instant playback allows for playback of 1 channel while the rest stays in Live mode
- 3 year warranty

Model			D8HT	D16HT	
Video	Input	IP Channels	Up to 8	Up to 16	
		HD-TVI / Analog Channels	Up to 8	Up to 16	
	Output	HDMI, VGA, CVBS/Spot (1280x720, 1920x1080, 1600x1200)			
	Loopouts		8 (HD-TVI and Analog channels only)	16 (HD-TVI and Analog channels only)	
Audio	Input		8 line input, 8 IP input	16 line input, 16 IP input	
	Output	Local Output (RCA)	1	1	
Alarm	Sensor Input	Local Input	4	4	
		Remote Input from IP Camera	8	16	
	Alarm Output		1	1	
Recording	Compression		H.264 (baseline, main, high profile)		
	Resolution	IP	2592x1944 (5MP)	240fps	480fps
			2098 x 1536 (3MP)	240fps	480fps
		HD-TVI	1920 x 1080 (1080p)	240fps	480fps
		Analog	960H	240fps	480fps
Storage	HDD	Capacity of 1 HDD	4TB		
		Internal HDDs	3		
		e-SATA	1		
Network	Max. Throughput		48Mbps		
Viewing Clients			SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer		



A patented Hybrid solution that easily mounts in equipment closets or electrical rooms for covert installations

**Help your branding efforts by customizing any of our patented wall mounts with your logo!**

### Optional Accessories



Remote setup through network, HD image



1080p HD image over coax cabling



Channels configurable to IP, HD-TVI or Analog



One click wizard guides you to set up essentials of the system in a logical and easy to understand sequence



Quickly search events from thumbnails



Audio/Visual Crime Deterrent  
**Stop Crime Before It Happens**



Communicate with remote locations instantly to assist in crime prevention



System Monitoring - Recording device can report performance health issues via email



Cloud upload for events via Google Drive



Mass alert notification via Twitter™

# HT HYBRID WALL MOUNT SERIES Configurations



CH.	HDD	Base Model	Built-in Monitor
8	1TB	D8WHT1TB	D8WHTM1TB
	2TB	D8WHT2TB	D8WHTM2TB
	3TB	D8WHT3TB	D8WHTM3TB
	4TB	D8WHT4TB	D8WHTM4TB
	6TB	D8WHT6TB	D8WHTM6TB
	8TB	D8WHT8TB	D8WHTM8TB
	9TB	D8WHT9TB	D8WHTM9TB
16	1TB	D16WHT1TB	D16WHTM1TB
	2TB	D16WHT2TB	D16WHTM2TB
	3TB	D16WHT3TB	D16WHTM3TB
	4TB	D16WHT4TB	D16WHTM4TB
	6TB	D16WHT6TB	D16WHTM6TB
	8TB	D16WHT8TB	D16WHTM8TB
	9TB	D16WHT9TB	D16WHTM9TB
12TB	D16WHT12TB	D16WHTM12TB	

# VT DVR SERIES HD-TVI Recorder



- D4VT** 4 Channel HD-TVI & Analog DVR
- D8VT** 8 Channel HD-TVI & Analog DVR
- D16VT** 16 Channel HD-TVI & Analog DVR

Configurations		
D4VT1TB	D8VT1TB	-
D4VT2TB	D8VT2TB	D16VT2TB
D4VT3TB	D8VT3TB	D16VT3TB
D4VT4TB	D8VT4TB	D16VT4TB
D4VT6TB	D8VT6TB	D16VT6TB
D4VT8TB	D8VT8TB	D16VT8TB

### EZ Wizards

- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type

**EZ Search:** quickly search events from thumbnails

**EZ Copy:** auto copy what you are playing onto a USB flash drive

- 1080p @ 15fps / 720p @ 30fps over coax (HD-TVI)
- Backwards compatible with all analog cameras
- UTC function allows for zoom/focus and OSD control over coax
- Networkable DVR with free Speco DDNS server
- 2-way audio communication
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Instant playback allows for playback of 1 channel while the rest stays in Live mode
- Cloud upload for events via Google Drive
- Mass alert notification via Twitter™
- Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
- 3 year warranty

Models		D4VT	D8VT	D16VT	
Video	Input	4	8	16	
	Channel				
Output		1 HDMI, 1VGA, 1 CVBS/Spot (1280x720, 1920x1080)			
Audio	Input & Output	4 line input & 1 line output			
Alarm	Sensor Input	4 channel (NC/NO selectable)			
	Alarm Output	1 alarm out by sensor, motion, video loss, HDD temperature and HDD failure			
Compression		H.264			
Recording	Resolution	1080p TVI	60fps	120fps	240fps
		960H Analog	120fps	240fps	480fps
Storage	HDD	Capacity of 1 HDD	4TB		
		Internal HDD	2		
USB Port		1 front, 1 rear			
Network	Interface	10/100Base-T		10/100/1000Base-T	
	Streaming	CIF 15fps / channel max.			
Viewing Clients		SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer			



A patented HD DVR solution that easily mounts in equipment closets or electrical rooms for covert installations

**Help your branding efforts by customizing any of our patented wall mounts with your logo!**

### Base Wall Mount Model

- D4WVT** 4 channel
- D8WVT** 8 channel
- D16WVT** 16 channel

### Wall Mount with Built-In Monitor

- D4WVTM** 4 channel
- D8WVTM** 8 channel
- D16WVTM** 16 channel

### Wall Mount with Built-In PoE

- D4WVTP** 4 channel
- D8WVTP** 8 channel

### Wall Mount with Built-In PoE and Monitor

- D4WVTPM** 4 channel
- D8WVTPM** 8 channel



1080p HD image over coax cabling



Audio/Visual Crime Deterrent  
Stop Crime Before It Happens



Communicate with remote locations instantly to assist in crime prevention



Quickly search events from thumbnails



System Monitoring - Recording device can report performance health issues via email

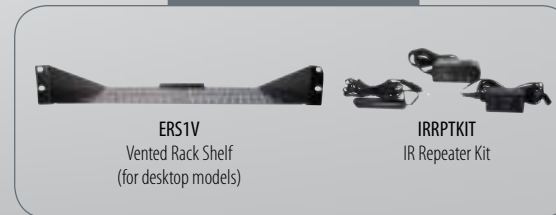


Cloud upload for events via Google Drive



Mass alert notification via Twitter™

### Optional Accessories



# VT DVR WALL MOUNT SERIES

## Configurations



CH.	HDD	Base Model	Built-In Monitor	Built-In Power Supply	Built-In Power Supply and Monitor
4	1TB	D4WVT1TB	D4WVTM1TB	D4WVTP1TB	D4WVTPM1TB
	2TB	D4WVT2TB	D4WVTM2TB	D4WVTP2TB	D4WVTPM2TB
	3TB	D4WVT3TB	D4WVTM3TB	D4WVTP3TB	D4WVTPM3TB
	4TB	D4WVT4TB	D4WVTM4TB	D4WVTP4TB	D4WVTPM4TB
	6TB	D4WVT6TB	D4WVTM6TB	D4WVTP6TB	D4WVTPM6TB
	8TB	D4WVT8TB	D4WVTM8TB	D4WVTP8TB	D4WVTPM8TB
8	1TB	D8WVT1TB	D8WVTM1TB	D8WVTP1TB	D8WVTPM1TB
	2TB	D8WVT2TB	D8WVTM2TB	D8WVTP2TB	D8WVTPM2TB
	3TB	D8WVT3TB	D8WVTM3TB	D8WVTP3TB	D8WVTPM3TB
	4TB	D8WVT4TB	D8WVTM4TB	D8WVTP4TB	D8WVTPM4TB
	6TB	D8WVT6TB	D8WVTM6TB	D8WVTP6TB	D8WVTPM6TB
	8TB	D8WVT8TB	D8WVTM8TB	D8WVTP8TB	D8WVTPM8TB
16	2TB	D16WVT2TB	D16WVTM2TB	-	-
	3TB	D16WVT3TB	D16WVTM3TB	-	-
	4TB	D16WVT4TB	D16WVTM4TB	-	-
	6TB	D16WVT6TB	D16WVTM6TB	-	-
	8TB	D16WVT8TB	D16WVTM8TB	-	-



# NS NVR SERIES

An Intelligent PLUG & WORK NVR That Does The Work For You!



**N4NSP** 4 Channel, 4 Built-In PoE NVR

**N8NSP** 8 Channel, 8 Built-In PoE NVR

**N16NS** 16 Channel without PoE NVR

**N16NSP** 16 Channel, 8 Built-In PoE NVR

**N16NSF** 16 Channel, 16 Built-In PoE NVR

Configurations				
N4NSP1TB	N8NSP1TB	-	-	-
N4NSP2TB	N8NSP2TB	N16NSP2TB	N16NS2TB	N16NSF2TB
N4NSP3TB	N8NSP3TB	N16NSP3TB	N16NS3TB	N16NSF3TB
N4NSP4TB	N8NSP4TB	N16NSP4TB	N16NS4TB	N16NSF4TB
N4NSP6TB	N8NSP6TB	N16NSP6TB	N16NS6TB	N16NSF6TB
-	N8NSP8TB	N16NSP8TB	N16NS8TB	N16NSF8TB

### EZ Wizards

- Camera: quickly discovers and installs IP cameras
- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type

**EZ Search:** quickly search events from thumbnails

**EZ Copy:** auto copy what you are playing onto a USB flash drive

- 8 and 16 channel NVR supports up to 5MP resolution on channel 1
- 4 channel NVR supports up to 3MP resolution on channel 1
- Plug & play feature with Speco's IP cameras
- Dual network ports for isolating IP camera network and remote network traffic
- Network video recorder with free Speco DDNS server
- 2-way audio communication
- Cloud upload for events via Google Drive
- Mass alert notification via Twitter™
- PoE Budget: N4NSP - 48W, N8NSP, N16NSP - 96W, N16NSF - 200W
- Easy firmware upgrade by USB port or network
- Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
- 3 year warranty

Model		NSP			NSF	NS
Video	Input	4	8	16	16	16
	IP Channel	4	8	16	16	16
Output		HDMI, VGA, CVBS (Main) (1280x720, 1920x1080)				
Audio	Input & Output	4 line input, 4 IP input, 1 line output	8 line input, 8 IP input, 1 line output	16 line input, 16 IP input, 1 line output	16 line input, 16 IP input, 1 line output	16 line input, 16 IP input, 1 line output
		Sensor Input (NC/NO Selectable)				
Alarm	Sensor Input (NC/NO Selectable)	4 local, 4 IP	4 local, 8 IP	4 local, 16 IP	4 local, 16 IP	4 local, 16 IP
	Alarm Output	1				
Recording	Compression		H.264 (baseline, main, high profile)			
	Resolution	1920x1080	120fps	240fps	480fps	
Storage	HDD	Capacity of 1 HDD	3TB	4TB	3TB	4TB
		Internal HDD Number	2			
		e-SATA	1			
Network	Interface	10/100 base-TX ethernet	10/100/1000 base-TX ethernet			
	Max. Throughput	20 Mbps	40 Mbps			
Viewing Clients		SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer				
Features	SW Upgrade	USB and remote software upgrade				
	PoE Standard	All ch. 802.3af			1-2 ch. 802.3at	-
Power Source	Total PoE Budget	48W	96W	200W	-	



YOUR LOGO HERE

A patented NVR solution that easily mounts in equipment closets or electrical rooms for covert installations

Help your branding efforts by customizing any of our patented wall mounts with your logo!

### Base Wall Mount Model

**N4WNS** 4 channel  
**N8WNS** 8 channel  
**N16WNS** 16 channel

### Wall Mount with Built-In Monitor

**N4WNSM** 4 channel  
**N8WNSM** 8 channel  
**N16WNSM** 16 channel

### Wall Mount with Built-In PoE

**N4WNSP** 4 channel  
**N8WNSP** 8 channel  
**N16WNSP** 16 channel

### Wall Mount with Built-In PoE and Monitor

**N4WNSPM** 4 channel  
**N8WNSPM** 8 channel  
**N16WNSPM** 16 channel



Remote setup through network, HD Image



One click wizard guides you to set up essentials of the system in a logical and easy to understand sequence



Communicate with remote locations instantly to assist in crime prevention



Audio/Visual Crime Deterrent  
**Stop Crime Before It Happens**



Avoid a service call & upgrade NVR software remotely



System Monitoring - Recording device can report performance health issues via email

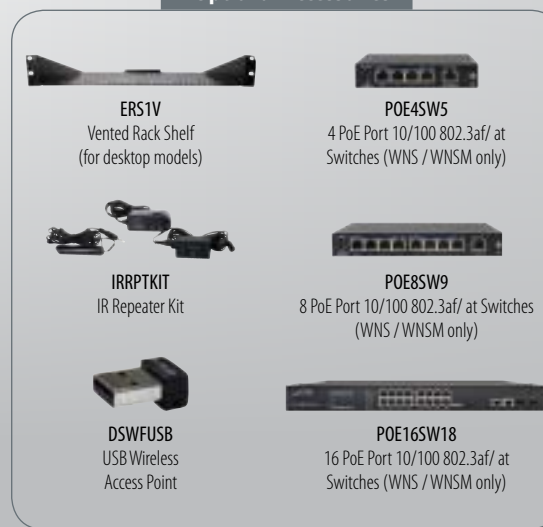


Cloud upload for events via Google Drive



Mass alert notification via Twitter™

### Optional Accessories



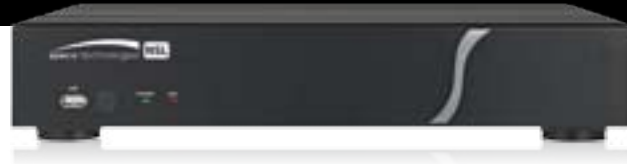
# NS NVR WALL MOUNT SERIES

## Configurations



CH.	HDD	Base Model	Built-In Monitor	Built-In Power Supply	Built-In Power Supply and Monitor
4	1TB	N4WNS1TB	N4WNSM1TB	N4WNSP1TB	N4WNSPM1TB
	2TB	N4WNS2TB	N4WNSM2TB	N4WNSP2TB	N4WNSPM2TB
	3TB	N4WNS3TB	N4WNSM3TB	N4WNSP3TB	N4WNSPM3TB
	4TB	N4WNS4TB	N4WNSM4TB	N4WNSP4TB	N4WNSPM4TB
	6TB	N4WNS6TB	N4WNSM6TB	N4WNSP6TB	N4WNSPM6TB
	9TB	N4WNS9TB	N4WNSM9TB	-	-
8	1TB	N8WNS1TB	N8WNSM1TB	N8WNSP1TB	N8WNSPM1TB
	2TB	N8WNS2TB	N8WNSM2TB	N8WNSP2TB	N8WNSPM2TB
	3TB	N8WNS3TB	N8WNSM3TB	N8WNSP3TB	N8WNSPM3TB
	4TB	N8WNS4TB	N8WNSM4TB	N8WNSP4TB	N8WNSPM4TB
	6TB	N8WNS6TB	N8WNSM6TB	N8WNSP6TB	N8WNSPM6TB
	8TB	N8WNS8TB	-	N8WNSP8TB	-
16	1TB	-	-	-	-
	2TB	N16WNS2TB	N16WNSM2TB	N16WNSP2TB	N16WNSPM2TB
	3TB	N16WNS3TB	N16WNSM3TB	N16WNSP3TB	N16WNSPM3TB
	4TB	N16WNS4TB	N16WNSM4TB	N16WNSP4TB	N16WNSPM4TB
	6TB	N16WNS6TB	N16WNSM6TB	N16WNSP6TB	N16WNSPM6TB
	8TB	N16WNS8TB	N16WNSM8TB	N16WNSP8TB	N16WNSPM8TB
9TB	N16WNS9TB	N16WNSM9TB	-	-	

# NSL NVR SERIES



**N4NSL** 4 Channel, 4 Built-In PoE NVR

**N8NSL** 8 Channel, 8 Built-In PoE NVR

Configurations	
N4NSL1TB	N8NSL2TB

#### EZ Wizards

- Camera: quickly discovers and installs IP cameras
- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type

**EZ Search:** quickly search events from thumbnails

**EZ Copy:** auto copy what you are playing onto a USB flash drive

- Built-In PoE IEEE 802.3af
- Plug & play feature with Speco's IP cameras
- Dual network ports for isolating IP camera network and remote network traffic
- Network video recorder with free Speco DDNS server
- Full HD (1920 x 1080) recording and playback
- Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
- 3 year warranty

Model		NSL		
Video	Input	Max. IP Channels	4	8
	Output		1 HDMI (1280x720, 1920x1080)	
Audio	Input	IP Camera (Network)	4	8
	Output	Local Output (RCA)	1	
Recording	Compression		H.264 (baseline, main and high profile)	
	Resolution	1080p	120fps	240fps
Playback	Search		EZSearch, Date/Time, Event, Archive, Log	
	Multi-Decoding		1,4	1, 4, 8
	Playback Speed		x0.25, x0.5, x2, x4, x8, x16, x32, x64	
Backup	Media		USB Drive, External HDD, Network	
	File Format		BMP, AVI, Proprietary Format	
	Large Backup		Yes (max. 24 hours)	
Storage	HDD	Capacity of 1 HDD	1TB	2TB
		Internal HDDs	1	
Event	Sensor In	IP Camera (Network)	4	8
Network	LAN (IP Camera, Auto Connection)		4 (802.3af PoE)	8 (802.3af PoE)
	WAN (IP Camera, Remote Access)		10/100Base-T	
	Max. Throughput		10Mbps	20Mbps
Viewing Clients		SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer		
Power Source	Power Supply Voltage		48VDC, 1.2A	48VDC, 2.0A

#### Optional Accessories



ERS1V  
Vented Rack Shelf



IRRPTKIT  
IR Repeater Kit

# Who doesn't WANT MORE?

- ✓ More channels
- ✓ More compression
- ✓ More image

## 32 Channel H.265 NVR

The N32NS has **H.265 compression** saving about 40% in storage and bandwidth compared to H.264. With all 32 channels supporting up to 3MP resolution, 12 channels can support 5MP and 4 channels can **support up to 4K resolution**. The N32NS is offered with up to 18TB of storage, an updated user interface, and the unique Speco platform featuring EZ Search, EZ Network, and Digital Deterrent®. It's also fully compatible with SecureGuard® VMS, SecureGuard® Mobile, and SecureGuard® for Apple TV, for flexible remote viewing options.



## See the BIG PICTURE

### 4K Cameras

Record 4K in real-time and view crystal clear video on any 4K display!

#### O8D4M

4K H.265 Dome IP Camera  
3.6-10mm auto iris varifocal motorized lens

#### O8B3M

4K H.265 Bullet IP Camera  
3.6-10mm auto iris varifocal motorized lens



## N32NS

32 channel H.265 NVR, supports 4K cameras  
up to 18TB of storage

PWR HDD





# HS HYBRID SERIES IP / 960H Recorder



## D8HS

8 Channel IP & Analog Full Hybrid Video Recorder

## D16HS

16 Channel IP & Analog Full Hybrid Video Recorder

Configurations			
D8HS1TB	D8HS6TB	D16HS1TB	D16HS6TB
D8HS2TB	D8HS8TB	D16HS2TB	D16HS8TB
D8HS3TB	D8HS9TB	D16HS3TB	D16HS9TB
D8HS4TB	D8HS12TB	D16HS4TB	D16HS12TB

### EZ Wizards

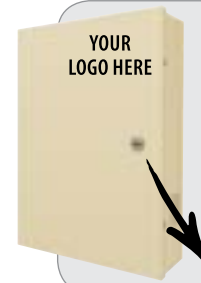
- Camera: quickly discovers and installs IP cameras
- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type

**EZ Search:** quickly search events from thumbnails

**EZ Copy:** auto copy what you are playing onto a USB flash drive

- Video Out: 1 HDMI®, 1 VGA, 1 CVBS, 1 Spot
- Real-time recording rate at 30fps/channel for analog channels at 960H and IP channels at Full HD (1920x1080)
- Up to 5MP resolution on channel 1
- Plug & play feature with Speco's IP cameras
- Dual network ports for isolating IP camera network and remote network traffic
- Each channel is configurable for either IP or analog
- Cloud upload for events via Google Drive
- Mass alert notification via Twitter™
- Networkable hybrid DVR with free Speco DDNS server
- Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
- 3 year warranty

Models			D8HS	D16HS
Video	Input	IP Channels	Up to 8	Up to 16
		Analog Channels	Up to 8	Up to 16
	Output	HDMI, VGA, CVBS/Spot		
	Loopouts		8 (Analog channels only)	16 (Analog channels only)
Audio	Input		8 line input, 8 IP input	16 line input, 16 IP input
	Output	Local Output (RCA)	1	1
Alarm	Sensor Input	Local Input	4	4
		Remote Input from IP Camera	8	16
	Alarm Output		1	1
Recording	Compression		1 H.264 (baseline, main, high profile)	
	Resolution	IP	2592x1944 (5MP)	Channel 1
			1920x1080 (1080p)	240fps
		Analog	960H	240fps
Storage	HDD	Capacity of 1 HDD	4TB	
		Internal HDDs	3	
		e-SATA	1	
Network	Interface		Dual Network Ports 10/100/1000Base-T	
	Max. Throughput		40Mbps	
Viewing Clients			SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer	



A patented Hybrid solution that easily mounts in equipment closets or electrical rooms for covert installations

**Help your branding efforts by customizing any of our patented wall mounts with your logo!**

### Optional Accessories

ERS1V Vented Rack Shelf	IRRPTKIT IR Repeater Kit	DSWFUSB USB Wireless Access Point	POE4SW5 4 PoE Port 10/100 802.3af/ at Switches	POE8SW9 8 PoE Port 10/100 802.3af/ at Switches	POE16SW18 16 PoE Port 10/100 802.3af/ at Switches



Remote setup through network, HD Image



High Resolution analog DVRs and cameras



Channels configurable to IP or analog



Audio/Visual Crime Deterrent Stop Crime Before It Happens



Communicate with remote locations instantly to assist in crime prevention



Quickly search events from thumbnails



One click wizard guides you to set up essentials of the system in a logical and easy to understand sequence



System Monitoring - Recording device can report performance health issues via email



Cloud upload for events via Google Drive



Mass alert notification via Twitter™

# HS HYBRID WALL MOUNT SERIES



CH.	HDD	Base Model	Built-In Monitor
8	2TB	D8WHS2TB	D8WHSM2TB
	3TB	D8WHS3TB	D8WHSM3TB
	4TB	D8WHS4TB	D8WHSM4TB
	6TB	D8WHS6TB	D8WHSM6TB
	8TB	D8WHS8TB	D8WHSM8TB
16	2TB	D16WHS2TB	D16WHSM2TB
	3TB	D16WHS3TB	D16WHSM3TB
	4TB	D16WHS4TB	D16WHSM4TB
	6TB	D16WHS6TB	D16WHSM6TB
	8TB	D16WHS8TB	D16WHSM8TB

### Optional Accessories

IRRPTKIT IR Repeater Kit	DSWFUSB USB Wireless Access Point	POE4SW5 4 PoE Port 10/100 802.3af/ at Switches	POE8SW9 8 PoE Port 10/100 802.3af/ at Switches	POE16SW18 16 PoE Port 10/100 802.3af/ at Switches

# IP 4 & 8 CHANNEL KITS



**ZIPL4D1**  
4 Channel Built-In PoE NVR, 1TB  
4 1080p Outdoor IR Dome Cameras

**ZIPL4B1**  
4 Channel Built-In PoE NVR, 1TB  
4 1080p Outdoor IR Bullet Cameras

- Camera Specifications**
- 2.8mm fixed lens
  - Real-time video up to 30fps
  - PoE IEEE 802.3af
  - Dual streaming
  - Weather/vandal resistant
  - IP66 compliant
  - 2 year warranty

- NVR Specifications**
- EZ Wizards**
- Camera: quickly discovers and installs IP cameras
  - Setup: for quick system setup
  - Network: network setup and port forwarding
  - Record: quickly setup recording resolutions and recording type
- EZ Search:** quickly search events from thumbnails
- EZ Copy:** auto copy what you are playing onto a USB flash drive

- Built-In PoE IEEE 802.3af
- Plug & play feature with Speco's IP cameras
- Dual network ports for isolating IP camera network and remote network traffic
- Network video recorder with free Speco DDNS server
- Full HD (1920 x 1080) recording and playback
- Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
- IR remote control and mouse included
- 3 year warranty

**ZIPL84D2**  
8 Channel Built-In PoE NVR, 2TB  
4 1080p Outdoor IR Dome Cameras

**ZIPL84B2**  
8 Channel Built-In PoE NVR, 2TB  
4 1080p Outdoor IR Bullet Cameras

**ZIPL88D2**  
8 Channel Built-In PoE NVR, 2TB  
8 1080p Outdoor IR Dome Cameras

**ZIPL88B2**  
8 Channel Built-In PoE NVR, 2TB  
8 1080p Outdoor IR Bullet Cameras

**ZIPL8BD2**  
8 Channel Built-In PoE NVR, 2TB  
4 1080p Outdoor IR Dome Cameras  
4 1080p Outdoor IR Bullet Cameras

Models			ZIPL4D1 / ZIPL4B1	ZIPL84D2 / ZIPL84B2 / ZIPL88D2 / ZIPL88B2 / ZIPL8BD2
Video	Input	Max. IP Channels	4	8
	Output		1 HDMI (1280x720, 1920x1080)	
Audio	Input	IP Camera (Network)	4	8
	Output	Local Output (RCA)	1	1
Recording	Compression		H.264 (baseline, main and high profile)	
	Resolution	1080p	120fps	240fps
	Recording Mode		Continuous / Motion / Sensor / Schedule / Manual / Continuous + Motion / Continuous + Sensor	
Event	Sensor In	IP Camera (Network)	4	8
Network	LAN (IP Camera, Auto Connection)		4 (802.3af PoE)	8 (802.3af PoE)
	WAN (IP Camera, Remote Access)		10/100Base-T	
	Max. Throughput		10Mbps	20Mbps
Viewing Clients			SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer	

### Optional Accessories



# HD-TVI 4 & 8 CHANNEL KITS



**ZIPT4D1**  
4 Channel HD-TVI 1080p DVR, 1TB  
4 HD-TVI 1080p Outdoor IR Dome Cameras

**ZIPT4B1**  
4 Channel HD-TVI 1080p DVR, 1TB  
4 HD-TVI 1080p Outdoor IR Bullet Cameras

- Camera Specifications**
- HD-TVI 1080p @ 30fps
  - 3.6mm fixed lens
  - Weather resistant
  - Additional analog output for 960H
  - IP66 compliant
  - 2 year warranty

- DVR Specifications**
- EZ Wizards**
- Setup: for quick system setup
  - Network: network setup and port forwarding
  - Record: quickly setup recording resolutions and recording type
- EZ Search:** quickly search events from thumbnails
- EZ Copy:** auto copy what you are playing onto a USB flash drive
- 1080p @ 15fps / 720p @ 30fps over coax (HD-TVI)
  - Backwards compatible with all analog cameras

- Networkable DVR with free Speco DDNS server
- 2-way audio communication
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Network accessible via SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer
- Mass alert notification via Twitter™
- Cloud upload for events via Google Drive
- 3 year warranty

**ZIPT84D2**  
8 Channel HD-TVI 1080p DVR, 2TB  
4 HD-TVI 1080p Outdoor IR Dome Cameras

**ZIPT84B2**  
8 Channel HD-TVI 1080p DVR, 2TB  
4 HD-TVI 1080p Outdoor IR Bullet Cameras

**ZIPT88D2**  
8 Channel HD-TVI 1080p DVR, 2TB  
8 HD-TVI 1080p Outdoor IR Dome Cameras

**ZIPT88B2**  
8 Channel HD-TVI 1080p DVR, 2TB  
8 HD-TVI 1080p Outdoor IR Bullet Cameras

**ZIPT8BD2**  
8 Channel HD-TVI 1080p DVR, 2TB  
4 HD-TVI 1080p Outdoor IR Dome Cameras  
4 HD-TVI 1080p Outdoor IR Bullet Cameras

Models			ZIPT4B1 / ZIPT4D1	ZIPT84D2 / ZIPT84B2 / ZIPT88D2 / ZIPT88B2 / ZIPT8BD2
Video	Input	Channel	4	8
	Output		1 HDMI, 1 VGA, 1 CVBS/Spot (1280x720, 1920x1080)	
Audio	Input & Output		4 line input & 1 line output	
Alarm	Sensor Input		4 channel (NC/NO selectable)	
	Alarm Output		1 alarm out by sensor, motion, video loss, HDD temperature and HDD failure	
Recording	Compression		H.264	
	Resolution	1080p TVI	60fps	120fps
		960H Analog	120fps	240fps
Storage	USB Port		1 front, 1 rear	
Network	Interface		10/100Base-T	
	Streaming		CIF 15fps / channel max.	
Viewing Clients			SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer	

### Optional Accessories





# HD-TVI 4 CHANNEL WALL MOUNT KITS



Help your branding efforts by customizing any of our patented wall mounts with your logo!

## Camera Specifications

- HD-TVI 1080p @ 30fps
- 3.6mm fixed lens
- Additional analog output for 960H
- Weather resistant
- IP66 compliant
- 2 year warranty

## DVR Specifications

### EZ Wizards

- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type
- **EZ Search:** quickly search events from thumbnails
- **EZ Copy:** auto copy what you are playing onto a USB flash drive
- 1080p @ 15fps / 720p @ 30fps over coax (HD-TVI)
- A patented DVR solution that easily mounts in equipment closets or electrical rooms for covert installations

- Backwards compatible with all analog cameras
- Networkable DVR with free Speco DDNS server
- 2-way audio communication
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Network accessible via SecureGuard® and SecureGuard® Mobile
- Mass alert notification via Twitter™
- Cloud upload for events via Google Drive
- 3 year warranty



## ZIPTW4D1

4 Channel HD-TVI 1080p Wall Mount DVR, 1TB  
4 HD-TVI 1080p Outdoor IR Dome Cameras

## ZIPTW4B1

4 Channel HD-TVI 1080p Wall Mount DVR, 1TB  
4 HD-TVI 1080p Outdoor IR Bullet Cameras

Models		ZIPTW4D1 / ZIPTW4B1	
Video	Input	4	
	Channel	4	
Audio	Output	1 HDMI, 1 VGA, 1 CVBS/Spot (1280x720, 1920x1080)	
	Input & Output	4 line input & 1 line output	
Alarm	Sensor Input	4 channel (NC/NO selectable)	
	Alarm Output	1 alarm out by sensor, motion, video loss, HDD temperature and HDD failure	
Recording	Compression	H.264	
	Resolution	1080p TVI	60fps
		960H Analog	120fps
Storage	USB Port	1 front, 1 rear	
Network	Interface	10/100Base-T	
	Streaming	CIF 15fps / channel max.	
Network Access		SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer	

## Optional Accessories



CVCJBBW Bullet Camera Junction Box  
CVCJBDW Dome Camera Junction Box



ERS1V Vented Rack Shelf  
IRRPTKIT IR Repeater Kit

# HD-TVI 4 CHANNEL INTENSIFIER® KITS



Help your branding efforts by customizing any of our patented wall mounts with your logo!

## Camera Specifications

- HD-TVI 1080p @ 30fps
- 2.8-12mm auto iris varifocal lens
- True WDR operation
- Weather resistant
- Additional analog output for 960H
- Chameleon Cover™: snaps on and can be painted to match any décor!\*
- IP67 compliant
- 5 year warranty

## DVR Specifications

### EZ Wizards

- Setup: for quick system setup
- Network: network setup and port forwarding
- Record: quickly setup recording resolutions and recording type
- **EZ Search:** quickly search events from thumbnails
- **EZ Copy:** auto copy what you are playing onto a USB flash drive
- 1080p @ 15fps / 720p @ 30fps over coax (HD-TVI)
- A patented DVR solution that easily mounts in equipment closets or electrical rooms for covert installations

- Backwards compatible with all analog cameras
- Networkable DVR with free Speco DDNS server
- 2-way audio communication
- Smart (Museum) Search - Quickly search for a specific video event without the need for motion setup.
- Network accessible via SecureGuard® and SecureGuard® Mobile
- Mass alert notification via Twitter™
- Cloud upload for events via Google Drive
- 3 year warranty



## ZIPT471

4 Channel HD-TVI 1080p DVR, 1TB  
4 HD-TVI 1080p Outdoor Intensifier® Dome Cameras

## ZIPTWP471

4 Channel HD-TVI 1080p **Wall Mount** DVR,  
with Built-in Power Supply, 1TB  
4 HD-TVI 1080p Outdoor Intensifier® Dome Cameras

## Optional Accessories



INTPM Pendant Mount  
CVCJBD Dome Camera Junction Box  
INTCM Corner/Pole Adaptor (use with INTWM)  
INTWM Wall Mount  
DFM Tile Ceiling Flush Mount



PSW5 12VDC Power Supply  
PSW4 24VAC Power Supply  
IRRPTKIT IR Repeater Kit (desktop)  
ERS1V Vented Rack Shelf (desktop)

Models		ZIPT471 / ZIPTWP471	
Video	Input	4	
	Channel	4	
Audio	Output	1 HDMI, 1 VGA, 1 CVBS/Spot (1280x720, 1920x1080)	
	Input & Output	4 line input & 1 line output	
Alarm	Sensor Input	4 channel (NC/NO selectable)	
	Alarm Output	1 alarm out by sensor, motion, video loss, HDD temperature and HDD failure	
Recording	Compression	H.264	
	Resolution	1080p TVI	60fps
		960H Analog	120fps
Storage	USB Port	1 front, 1 rear	
Network	Interface	10/100Base-T	
	Streaming	CIF 15fps / channel max.	
Network Access		SecureGuard®, SecureGuard® Mobile, SecureGuard® for Apple TV and Internet Explorer	

\*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended.

Model	HT / WHT	HS / WHS	VT / WVT
<b>MONITORING</b>			
Video Inputs	<b>8 ch:</b> up to 8 HD-TVI / Analog / IP <b>16 ch:</b> up to 16 HD-TVI / Analog / IP	<b>8 ch:</b> up to 8 BNC <b>16 ch:</b> up to 16 BNC	<b>8 ch:</b> up to 8 IP <b>16 ch:</b> up to 16 IP
Video Outputs	1 HDMI®, 1 CVBS / Spot, 1 VGA	1 HDMI®, 1 CVBS, 1 Spot, 1 VGA	1 HDMI®, 1 VGA, 1 CVBS/Spot
Display Resolution	1920x1080, 1280x720, 1600x1200	1920x1080, 1280x720	1920x1080, 1280x720
<b>RECORD &amp; PLAYBACK</b>			
Compression	H.264 (baseline, main, high profile)	H.264 (baseline, main, high profile)	H.264
Recording Rate	<b>8 ch:</b> 240fps @ 1080p / 5MP <b>16 ch:</b> 480fps @ 1080p / 5MP	<b>8 ch:</b> 240fps @ 960H / D1 / CIF <b>16 ch:</b> 480fps @ 960H / D1 / CIF	<b>4 ch:</b> 60fps @ 1080p <b>8 ch:</b> 120fps @ 1080p <b>16 ch:</b> 240fps @ 1080p
Recording Mode	Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor	Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor	Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor
Search Mode	EZ Search, Date/Time, Event, Archive, Log, Smart Search, Instant Playback	EZ Search, Date/Time, Event, Archive, Log, Instant Playback	EZ Search, Timeline, Event, Archive, Log, Smart Search, Instant Playback
<b>SYSTEM</b>			
Operating System	Embedded Linux	Embedded Linux	Embedded Linux
Storage   Capacity	3 HDD, 1 e-SATA   4TB	3 HDD, 1 e-SATA   4TB	2 HDD   4TB
Data Export	USB	USB	USB
<b>INTERFACE</b>			
Audio In / Out	<b>8 ch:</b> 8 line input, 8 IP input / 1 line output <b>16 ch:</b> 16 line input, 16 IP input / 1 line output	<b>8 ch:</b> 8 line input, 8 IP input / 1 line output <b>16 ch:</b> 16 line input, 16 IP input / 1 line output	4 line input / 1 live output
Alarm In / Out	4 local input, <b>8 ch:</b> 8 software input from IP camera, <b>16 ch:</b> 16 software input from IP camera / 1 output	4 local input / <b>8 ch:</b> 8 input from IP camera, 1 output <b>16 ch:</b> 16 input from IP camera, 1 output	4 channel (NC/NO selectable) / 1 alarm out by sensor, motion, video loss, HDD temperature and HDD failure
Serial Interface	RS-485 x1	RS-485 x1	RS-485 x1
<b>OPERATING SPECIFICATIONS</b>			
Dimensions	<b>Desktop:</b> 15" (W) x 2.83" (H) x 13.4" (D) <b>WHT / WHTM:</b> 19.2" (W) x 16.2" (H) x 3.6" (D)	<b>Desktop:</b> 15" (W) x 2.83" (H) x 13.4" (D) <b>WHS / WHSM:</b> 13.5" (W) x 17" (H) x 3.5" (D)	<b>Desktop:</b> 13.4" (W) x 2.48" (H) x 10.31" (D) <b>WVT / WVTM:</b> 11.5" (W) x 15" (H) x 3.5" (D) <b>WVTP / WVTPM:</b> 13.5" (W) x 17" (H) x 3.5" (D)
Unit Weight	<b>Desktop:</b> 12 lbs. <b>Wall Mount:</b> 15 lbs.	<b>Desktop:</b> 12 lbs. / <b>Wall Mounts:</b> 15 lbs.	<b>Desktop:</b> 3.3 lbs. <b>WVT:</b> 8.5 lbs. <b>WVTM:</b> 9 lbs. <b>WVTP:</b> 12 lbs. <b>WVTPM:</b> 12.3 lbs.
Operating Temperature	41° F - 104° F	41° F - 104° F	41° F - 104° F
Operating Humidity	20% - 80% RH	20% - 80% RH	20% - 80% RH
Power Supply Voltage	12VDC, 5A	12VDC, 5A	<b>4 ch:</b> 12VDC, 3A / <b>8 ch &amp; 16 ch:</b> 12VDC, 5A
<b>HYBRID</b>			
Max. IP Channels	16 IP Channels	16 IP Channels	-
MP Camera Support	Up to 5MP on all channels	Up to 2MP, 5MP on channel 1	-

Model	NS / NSP / NSF/WNS	NSL	N32NS
<b>MONITORING</b>			
Video Inputs	4 / 8 / 16 IP	4 / 8 IP	32 IP
Video Outputs	1 HDMI®, 1 CVBS, 1 VGA	1 HDMI®, 1 VGA	1 HDMI®, 1 CVBS, 1 VGA
Display Resolution	1920x1080, 1280x720	1920x1080, 1280x720	4K (3840x2160), 1920x1080
<b>RECORD &amp; PLAYBACK</b>			
Compression	H.264 (baseline, main, high profile)	H.264	H.264 / <b>H.265</b>
Recording Rate	<b>4 ch:</b> 120fps @ 1920x1080 / 1280x720 <b>8 ch:</b> 240fps @ 1920x1080 / 1280x720 <b>16 ch:</b> 480fps @ 1920x1080 / 1280x720	<b>4 ch:</b> 120fps @ 1920x1080 / 1280x720 <b>8 ch:</b> 240fps @ 1920x1080 / 1280x720	All resolutions 30fps
Recording Mode	Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor	Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor	Continuous / Schedule / Motion / Sensor / Manual / Continuous + Motion / Continuous + Sensor
Search Mode	EZ Search, Date/Time, Event, Archive, Log, Instant Playback	EZ Search, Date/Time, Event, Archive, Log	EZ Search, Timeline, Event, Archive, Log, Smart Search, Instant Playback
<b>SYSTEM</b>			
Operating System	Embedded Linux	Embedded Linux	Embedded Linux
Storage   Capacity	<b>NS:</b> 3 HDD, 1 e-SATA   <b>NSP/NSF:</b> 2 HDD, 1 e-SATA   <b>4 ch:</b> 3TB / <b>8ch &amp; 16 ch:</b> 4TB	1 HDD   <b>4 ch:</b> 1TB / <b>8ch:</b> 2TB	3 HDD, 6TB, 1 e-SATA
Data Export	USB (HDD, Flash Drive), Network	USB (HDD, Flash Drive), Network	USB
<b>INTERFACE</b>			
Audio In / Out	<b>4 ch:</b> 4 line input, 4 IP input / 1 line output <b>8 ch:</b> 8 line input, 8 IP input / 1 line output <b>16 ch:</b> 16 line input, 16 IP input / 1 line output	<b>4 ch:</b> 4 IP input / 1 line output <b>8 ch:</b> 8 IP input / 1 line output	16 line input, 32 IP line input 1 line output, 32 IP line output
Alarm In / Out	(NC/NO Selectable) <b>4 ch:</b> 4 local, 4 IP <b>8 ch:</b> 4 local, 8 IP <b>16 ch:</b> 4 local, 16 IP / 1 output	<b>4 ch:</b> 4 software input from IP camera <b>6 ch:</b> 8 software input from IP camera	4 local input, 32 IP
Serial Interface	RS-485 x1	N/A	RS-485 x1
<b>OPERATING SPECIFICATIONS</b>			
Dimensions	<b>Desktop:</b> 15" (W) x 2.83" (H) x 13.4" (D) <b>Wall Mounts:</b> 13.5" (W) x 17" (H) x 3.5" (D)	11.8" (W) x 2" (H) x 8.2" (D)	15" (W) x 2.83" (H) x 13.4" (D)
Unit Weight	<b>Desktop / WNSP / WNSPM:</b> 12 lbs. <b>WNS / WNSM:</b> 10 lbs.	4 lbs.	12 lbs.
Operating Temperature	41° F - 104° F	41° F - 104° F	41° F - 104° F
Operating Humidity	20% - 80% RH	20% - 80% RH	20% - 80% RH
Power Supply Voltage	<b>4 ch:</b> 12VDC, 5A / 48VDC, 1A <b>8 ch &amp; 16 ch:</b> 12VDC, 5A / 48VDC, 2A	<b>4 ch:</b> 48VDC, 1.2A <b>8 ch:</b> 48VDC, 2A	12VDC, 6A
<b>HYBRID</b>			
Max. IP Channels	-	-	-
MP Camera Support	-	-	Ch. 1 - 4 ▶ up to 4K   Ch. 1 - 12 ▶ 5MP Ch. 1 - 32 ▶ 3MP



# HTFD4T

2.8-12mm auto iris varifocal motorized lens, dark grey housing

## Flexible Intensifier® Technology HD-TVI 1080p Dome Camera

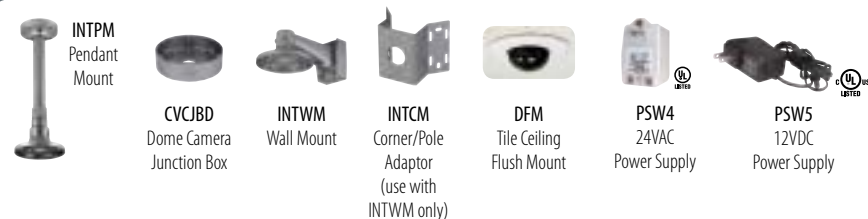


- Fits any lighting application – color in low light, monochrome without IR in low light and monochrome with IR in almost complete darkness
- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps over coax
- 2 Adaptive IR LEDs
- IR RANGE: 50' (depending on scene reflection)
- Motorized lens with auto focus
- Wide dynamic range (WDR) operation
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- Additional analog output for 960H
- Chameleon Cover™: snaps on and can be painted to match any décor!\*
- Vandal / tamper resistant
- Signal distance up to 1600 feet\*\*
- Full OSD operation through on-board control and UTC (up the coax)
- 12VDC & 24VAC dual voltage operation
- IP66 compliant
- 5 year warranty



Shown with included paintable, snap-on \*Chameleon Cover™

### Optional Accessories



# HTFB3T

2.8-12mm auto iris varifocal motorized lens, dark grey housing

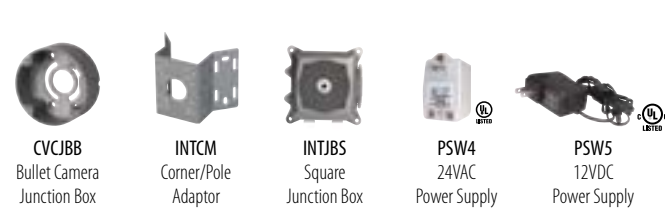
## Flexible Intensifier® Technology HD-TVI 1080p Bullet Camera



- Fits any lighting application – color in low light, monochrome without IR in low light and monochrome with IR in almost complete darkness
- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps over coax
- 4 Adaptive IR LEDs
- IR RANGE: 98' (depending on scene reflection)
- Motorized lens with auto focus
- Wide dynamic range (WDR) operation
- Additional analog output for 960H
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- Vandal / tamper resistant
- Signal distance up to 1600 feet\*\*
- Full OSD operation through on-board control and UTC (up the coax)
- 12VDC & 24VAC dual voltage operation
- IP66 compliant
- 5 year warranty



### Optional Accessories



# HT7248TM

2.8-10mm auto iris varifocal motorized lens, dark grey housing

## Intensifier® T Motorized Zoom Focus HD-TVI 1080p 2MP Dome Camera



- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- Superior low-light performance
- Amplify existing light with no distance limitation
- Presets: Indoor, Outdoor, Low Light, Lobby, Elevator
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- 3-axis for wall and ceiling mounting
- Chameleon Cover™: snaps on and can be painted to match any décor!\*
- Full OSD operation through on-board control and UTC (up the coax)
- Additional analog output for 960H
- Zoom/Focus control via coax (TVI)
- RS-485 (additional Zoom/Focus/OSD control)
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



Shown with included paintable, snap-on Chameleon Cover™

### Optional Accessories



# HT7246T

2.8-12mm auto iris varifocal lens, dark grey housing

## Intensifier® T HD-TVI 1080p 2MP Dome Cameras

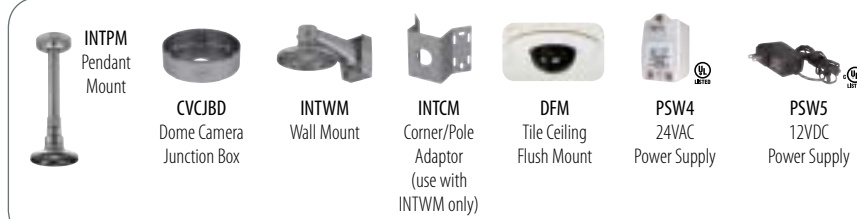


- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Superior low-light performance
- Amplify existing light with no distance limitation
- Presets: Indoor, Outdoor, Low Light, Lobby, Elevator
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- Additional analog output for 960H
- 3-axis for wall and ceiling mounting
- Chameleon Cover™: snaps on and can be painted to match any décor!\*
- Full OSD operation through on-board control and UTC (up the coax)
- Signal distance up to 1600 feet\*\*
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



Shown with included paintable, snap-on Chameleon Cover™

### Optional Accessories



\*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended. \*\*To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.

\*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended. \*\*To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.

# HTINT591T

3.6mm fixed lens, dark grey housing

## Intensifier® T HD-TVI 1080p 2MP Dome Camera

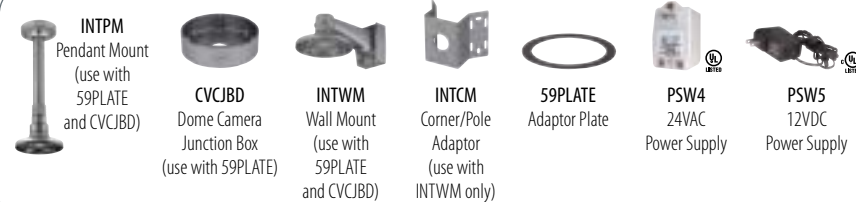


- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Superior low-light performance
- Amplify existing light with no distance limitation
- Presets: Indoor, Outdoor, Low Light, Lobby, Elevator
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- Additional analog output for 960H
- 3-axis for wall and ceiling mounting
- Chameleon Cover™: snaps on and can be painted to match any décor!\*
- Full OSD operation through on-board control and UTC (up the coax)
- True WDR operation
- Superior low-light performance
- Amplify existing light with no distance limitation
- Presets: Indoor, Outdoor, Low Light, Lobby, Elevator
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- IP67 compliant
- 5 year warranty



Shown with included paintable, snap-on Chameleon Cover™

### Optional Accessories



# HTINT601T

3.6mm fixed lens, dark grey housing

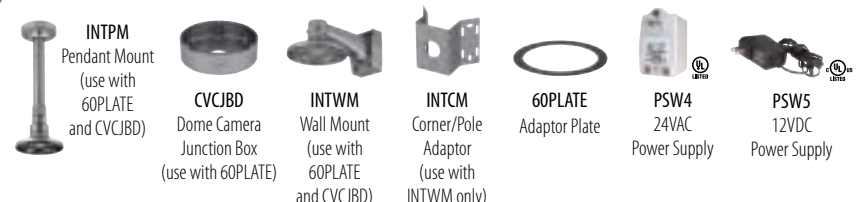
## Intensifier® T HD-TVI 1080p 2MP Turret Camera



- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Superior low-light performance
- Amplify existing light with no distance limitation
- Presets: Indoor, Outdoor, Low Light, Lobby, Elevator
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- 3-axis for wall and ceiling mounting
- Full OSD operation through on-board control and UTC (up the coax)
- Additional analog output for 960H
- Signal distance up to 1600 feet\*\*
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



### Optional Accessories



# HTINT70T

2.8-12mm auto iris varifocal lens, dark grey housing

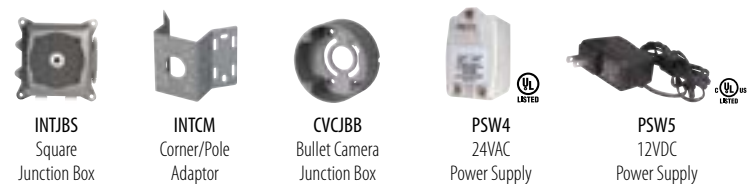
## Intensifier® T HD-TVI 1080p 2MP Bullet Cameras



- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Superior low-light performance
- Amplify existing light with no distance limitation
- Presets: Indoor, Outdoor, Low Light, Lobby, Elevator
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- 3-axis for wall and ceiling mounting
- Full OSD operation through on-board control and UTC (up the coax)
- Additional analog output for 960H
- Signal distance up to 1600 feet\*\*
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



### Optional Accessories



# HTINT701T

3.6mm fixed lens, dark grey housing

# CVC6246T

2.8-12mm auto iris varifocal lens, black housing

## Intensifier® T HD-TVI 1080p 2MP Indoor Dome Cameras



- Full HD resolution over coax (HD-TVI)
- Amplify existing light with no distance limitations
- No problems caused by objects that reflect or absorb IR light sources
- Presets: Outdoor, Indoor, Elevator, Lobby, Hallway & Dark
- 12VDC / 24VAC dual voltage operation
- Full OSD operation via UTC
- 3-axis wall or ceiling mount
- Signal distance up to 1600 feet\*
- Additional analog output for 960H
- 5 year warranty



### Optional Accessories



\*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended. \*\*To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.

\*\*To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.



# HT5940T

2.8-12mm auto iris varifocal lens, dark grey housing

# HT5941T

3.6mm fixed lens, dark grey housing

# VLD2TW

3.6mm fixed lens, white housing

# HT6041T

3.6mm fixed lens, dark grey housing

# HT71TG

2.9mm fixed lens, dark grey housing

# HT71TW

2.9mm fixed lens, white housing

## HD-TVI Intense IR 1080p 2MP Dome Cameras



- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Intense IR function – no saturation, IR intensity adapts to subject to provide vivid image
- True day/night operation – mechanical IR cut filter
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- 3-axis for wall and ceiling mounting
- Chameleon Cover™: snaps on and can be painted to match any décor!\*
- Full OSD operation through on-board control and UTC (up the coax)
- Additional analog output for 960H
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



Shown with included paintable, snap-on Chameleon Cover™

### Optional Accessories



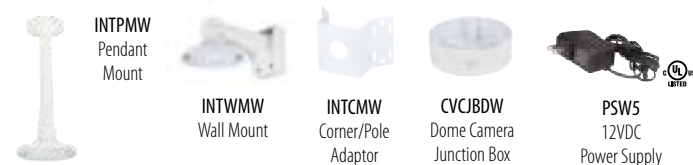
## HD-TVI 1080p IR Dome Camera



- Full HD resolution over coax (HD-TVI)
- 24 built-in IR LEDs
- Supports up to Full HD 1080p @ 30 fps
- 3-axis for wall and ceiling mount
- Adaptor plate for optional accessories included
- Additional analog output for 960H
- 12VDC operation (power supply not included)
- Signal distance up to 1600 feet\*
- IP66 compliant
- 2 year warranty



### Optional Accessories



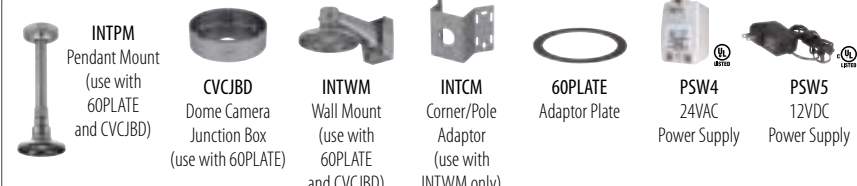
## HD-TVI Intense IR 1080p 2MP Turret Camera



- Full HD resolution over coax (HD-TVI)
- 28 built-in IR LEDs
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Intense IR function – no saturation, IR intensity adapts to subject to provide vivid image
- True day/night operation – mechanical IR cut filter
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- 3-axis for wall and ceiling mounting
- Full OSD operation through on-board control and UTC (up the coax)
- Additional analog output for 960H
- Signal distance up to 1600 feet\*
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



### Optional Accessories



## HD-TVI 1080p Color Mini-Turret Camera



- Full HD resolution over coax (HD-TVI)
- Compact size – only 2.36" in diameter!
- 12 IR LEDs
- Weather / Vandal resistant operation
- Cast aluminum construction
- Additional analog output for 960H
- Signal distance up to 1600 feet\*
- Full OSD operation via UTC
- IP66 compliant
- 12VDC required
- 5 year warranty



### Optional Accessory



\*Chameleon Cover™ - for best results when used outdoors, waterproof paint is recommended. \*\*To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.

# HT7040T

2.8-12mm auto iris varifocal lens, dark grey housing

# HT7041T

3.6mm fixed lens, dark grey housing

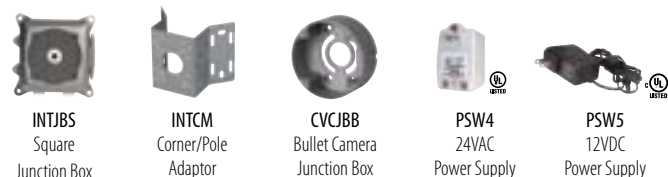
## HD-TVI Intense IR 1080p 2MP Bullet Cameras



- Full HD resolution over coax (HD-TVI)
- Supports up to Full HD 1080p @ 30fps
- True WDR operation
- Intense IR function – no saturation, IR intensity adapts to subject to provide vivid image
- True day/night operation – mechanical IR cut filter
- Built-in heater and anti-fog glass reduces condensation under any weather condition
- 3-axis for wall and ceiling mounting
- Full OSD operation through on-board control and UTC (up the coax)
- Additional analog output for 960H
- Signal distance up to 1600 feet\*
- 12VDC & 24VAC dual voltage operation
- Vandal / tamper resistant
- IP67 compliant
- 5 year warranty



### Optional Accessories



# VLB2TW

3.6mm fixed lens, white housing

## HD-TVI 1080p IR Bullet Camera



- Full HD resolution over coax (HD-TVI)
- 28 built-in IR LEDs
- Supports up to Full HD 1080p @ 30 fps
- 3-axis for wall and ceiling mount
- Adaptor plate for optional accessories included
- Additional analog output for 960H
- 12VDC operation (power supply not included)
- Signal distance up to 1600 feet\*
- IP66 compliant
- 2 year warranty



### Optional Accessories



# HLPR67T

5-50mm motorized auto iris varifocal lens (10x auto focus/zoom), white housing

## HD-TVI Weather Resistant Long Range License Plate Capture Bullet Camera



- High-contrast imaging performance that delivers sharp, clear license-plate captures
- Full HD 1080p over coax (HD-TVI)
- 15 super high powered IR LEDs
- Captures license plates up to 40 mph
- IR Range: 165 ft. (depending on scene reflection)
- True Wide Dynamic Range operation (WDR)
- Additional analog output for 960H
- Supports full UTC control over coax for Zoom/Focus and camera's OSD
- Weather resistant operation
- IP66 compliant
- 5 year warranty



### Optional Accessories



# HTPTZ20T

4.7-94mm 20x optical zoom lens, white housing

## HD-TVI Full 1080p PTZ Camera



- Full HD 1080p @ 30fps (HD-TVI)
- 20x auto focus zoom lens
- True WDR (wide dynamic range) function
- True Day/Night function
- 240 preset positions
- 4 Alarm Inputs / 2 Alarm Outputs
- 16x digital zoom
- Max 380°/sec speed
- Additional analog output for 960H
- Full OSD control via UTC (pan, tilt, and zoom)
- IP66 compliant
- 2 year warranty



### Optional Accessories



\*To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.

\*To preserve signal quality and distance, Speco Technologies recommends using coax with a 100% copper center conductor and at least 95% braided copper shield.



# HD-TVI Camera Comparison Chart



Category	Flexible Intensifier®	Intensifier®	Intensifier®	Intensifier®	Intensifier®
Model	HTFD4T	HT7248TM	HT7246T/ HT7250T	HTINT591T	CVC6246T / CVC6246TW
Product Image					
Environment	Outdoor	Outdoor	Outdoor	Outdoor	Indoor
IP Rating	IP67	IP67	IP67	IP67	-
Lens	2.8-12mm	2.8-10mm motorized	HT7246T: 2.8-12mm HT7250T: 5-50mm	3.6mm fixed	2.8-12mm
Image Sensor	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	30fps	30fps	30fps	30fps	30fps
Minimum Illumination	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	0.001 lux
Compensation	WDR	WDR	WDR	WDR	WDR
UTC Protocol	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
Day/Night	IR cut filter	-	-	-	-
IR Range (depending on scene reflection)	50 ft.	-	-	-	-
Number of IRs	2	-	-	-	-
Heaters	Yes	Yes	Yes	Yes	No
Alarm Connection	Yes	No	Yes	Yes	No
Analog Output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output
Power Consumption	12VDC, 580mA / 24VAC, 218mA	12VDC, 500mA / 24VAC, 195mA	12VDC, 500mA / 24VAC, 195mA	12VDC, 500mA / 24VAC, 195mA	12VDC, 150mA / 24VAC, 195mA
Operating Temperature	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F
Additional Features	Smart IR, Chameleon Cover™	Chameleon Cover™	Chameleon Cover™	Chameleon Cover™	Signal distance up to 1600ft.



# HD-TVI Camera Comparison Chart



Category	Intensifier®	Flexible Intensifier®	Intensifier®	IR	IR
Model	HTINT601T	HTFB3T	HTINT70T / HTINT701T	HT5940T	HT5941T
Product Image					
Environment	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
IP Rating	IP67	IP67	IP67	IP67	IP67
Lens	3.6mm fixed	2.8-12mm	HTINT70T: 2.8-12mm HINT701T: 3.6mm fixed	2.8-12mm	3.6mm fixed
Image Sensor	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	30fps	30fps	30fps	30fps	30fps
Minimum Illumination	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	F1.2, Color: 0.001 lux	F1.2, Color: 0.05 lux, BW: 0.001 lux	F1.2, Color: 0.05 lux, BW: 0.001 lux
Compensation	WDR	WDR	WDR	WDR	WDR
UTC Protocol	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
Day/Night	-	IR cut filter	-	IR cut filter	IR cut filter
IR Range (depending on scene reflection)	-	98 ft.	-	66 ft.	66 ft.
Number of IRs	-	4	-	18	18
Heaters	Yes	Yes	Yes	Yes	Yes
Alarm Connection	Yes	Yes	Yes	No	No
Analog Output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output
Power Consumption	12VDC, 500mA / 24VAC, 195mA	12VDC, 580mA / 24VAC, 218mA	12VDC, 500mA / 24VAC, 195mA	12VDC, 580mA / 24VAC, 218mA	12VDC, 500mA / 24VAC, 195mA
Operating Temperature	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F	-4°F - 140°F
Additional Features	-	Smart IR	-	Smart IR, Chameleon Cover™	Smart IR, Chameleon Cover™

# HD-TVI Camera Comparison Chart



Category	IR	IR	IR	IR
Model	VLD2TW	HT6041T	HT71TG / HT71TW	HT7040T
Product Image				
Environment	Outdoor	Outdoor	Outdoor	Outdoor
IP Rating	IP66	IP67	IP66	IP67
Lens	3.6mm fixed	3.6mm fixed	2.9mm fixed	2.8-12mm
Image Sensor	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS, 2MP
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	30fps	30fps	30fps	30fps
Minimum Illumination	BW: 0 lux	F1.2, Color: 0.05 lux, BW: 0.001 lux	0.00 lux (IR LEDs on)	F1.2, Color: 0.05 lux, BW: 0.001 lux
Compensation	DNR	WDR	DNR	WDR
UTC Protocol	-	Pelco-C	Pelco-C	Pelco-C
Day/Night	IR cut filter	IR cut filter	Yes	IR cut filter
IR Range (depending on scene reflection)	32 ft.	80 ft.	35 ft.	98 ft.
Number of IRs	24	28	12	35
Heaters	No	Yes	No	Yes
Alarm Connection	No	No	No	No
Analog Output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output
Power Consumption	12VDC, 400mA	12VDC, 580mA / 24VAC, 218mA	100mA (IR off), 200mA (IR on)	12VDC, 720mA / 24VAC, 260mA
Operating Temperature	-4°F - 140°F	-4°F - 140°F	14°F - 120°F	-4°F - 140°F
Additional Features	-	Smart IR	-	Smart IR

# HD-TVI Camera Comparison Chart



Category	IR	IR	LPR	PTZ
Model	HT7041T	VLB2TW	HLPR67T	HTPTZ20T
Product Image				
Environment	Outdoor	Outdoor	Outdoor	Outdoor
IP Rating	IP67	IP66	IP66	IP66
Lens	3.6mm fixed	3.6mm fixed	5-50mm motorized	4.7-94mm
Image Sensor	1/3" CMOS, 2MP	1/3" CMOS, 2MP	1/3" CMOS Sensor	1/2.8" CMOS Sensor
Maximum Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Frame Rate	30fps	30fps	30fps	30fps
Minimum Illumination	F1.2, Color: 0.05 lux, BW: 0.001 lux	BW: 0 lux	0 lux (IR LEDs on)	Color: 0.35 lux BW: 0.013 lux
Compensation	WDR	DNR	WDR	WDR
UTC Protocol	Pelco-C	-	Pelco-C	Pelco-C / Speco-C
Day/Night	IR cut filter	IR cut filter	Yes	Yes
IR Range (depending on scene reflection)	98 ft.	60 ft.	165 ft.	-
Number of IRs	35	28	15	-
Heaters	Yes	No	No	No
Alarm Connection	No	No	No	4 Input, 2 Output
Analog Output	CVBS 960H output	CVBS 960H output	CVBS 960H output	CVBS 960H output
Power Consumption	12VDC, 720mA / 24VAC, 260mA	12VDC, 400mA	260mA (IR on: 560mA)	1A @ 12VDC, 24VAC
Operating Temperature	-4°F - 140°F	-4°F - 140°F	14°F - 120°F	14°F - 120°F
Additional Features	Smart IR	-	High-contrast imaging performance	20x optical zoom lens



## HD Video Transceiver



### TVIUTP

- Send HD-TVI signal up to 656' (200M) over UTP cable
- BNC male to screw terminal for easy connection
- Compact size allows mounting of multiple units behind multiplexers, Quads, DVRs, etc.
- Passive, no power required
- Ideal for retrofits using existing UTP cable
- Built in ESD, EFT (impulse noise), lightning (surge) and transient protection
- Sold individually but used in pairs. Could be used in conjunction with another TVIUTP, or with the pigtail model TVIUTPPT

## HD Video Transceiver with Pigtail (Balun)



### TVIUTPPT

- Send HD-TVI signal up to 656' (200M) over UTP cable
- BNC male to screw terminal with 4" (10cm) mini coax cable for easy connection
- Compact size allows mounting of multiple units behind multiplexers, Quads, DVRs, etc.
- Passive, no power required
- Ideal for retrofits using existing UTP cable
- Built in ESD, EFT (impulse noise), lightning (surge) and transient protection
- Sold individually but used in pairs. Could be used in conjunction with another TVIUTPPT, or with the non-pigtail model TVIUTP



**M19LED** 19" LED monitor  
**M215LED** 21.5" LED monitor

- Flat-panel LED - backlit LCD
- HDMI, VGA (D-Sub 15 pins) and BNC video inputs
- 1920(H) x 1080(V) HD 1080p resolution
- Built-in speakers
- Convenient front controls for screen programming
- Input signal detection provides easy connection
- 290cd/m2 brightness
- 16:9 display ratio
- 500:1 contrast ratio
- Displays up to 16.7 million colors
- Regulated 12VDC 5.0 amp (UL & CSA listed power supply included)
- VESA compatible
- 1 year warranty

#### Optional Accessories



**LCDVLW2**  
10" Extension Arm

Models	M19LED	M215LED
Composite Output	BNC 1	
Composite Input	BNC 1	
Single Connector	VGA x 1, RCA x 2, PC Audio x 1, HDMI x 1	
Speaker	1W+1W	
Display Mode	VGA / BNC / PC / HDMI	
AC Power	AC 100 - 240V 50/60Hz	
Operating Temperature	14° F - 122° F	
Storage Temperature	-4° F - 140° F	
Power Consumption	20W	25W
OSD Control	HDMI, VGA, Audio, PIP, System	
OSD Languages	English	
Auto Adjustment	Yes	
De-interlace	Yes	
Wall Mount	Optional	
Accessories	Remote, Adaptor, Power Cord, Manual, VGA cable, PC Audio Cable	
Safety	FCC, CE, RoHS	
Tilt	10° - 15°	
Humidity	20% - 85%	
Monitor Scan	Microprocessor controlled	
Pixel Pitch	0.24825 (H) x 0.24825 (V)	
Pixel Format	1920 x 1080	
Response Time	5ms	
Color Depth	16.7 million colors	
Viewing Angle	Left 85° / Right 85° / Up 80° / Down 80° CR > 10	
Display Area	16.13" (H) x 9.07" (V)	18.41" (H) x 10.56" (W)
Dimensions	17.44" (W) x 13.70" (H) x 2.17" (D)	20.31" (W) x 16.20" (H) x 2.38" (D)
Weight	6.17 lbs.	7.94 lbs.

### Standard HDMI Cables

These cables are perfect for most basic HDMI needs such as connecting a monitor to a DVR.

- HDVL3** 3'    **HDVL10** 10'
- HDVL6** 6'    **HDVL15** 15'



### Class 2 HDMI Cables

These cables are certified Class 2 (CL2), meaning they are safe for in-wall use.

- HDCL6** 6'    **HDCL25** 25'
- HDCL10** 10'    **HDCL50** 50'
- HDCL15** 15'



### Flat HDMI Cables

These flat-designed HDMI cables are great for when you need to squeeze a cable through a cabinet door or other tight spot.

- HDFL3** 3'    **HDFL10** 10'    **HDFL15** 15'



### HDMI to HDMI Adaptors

These adaptors are used to couple HDMI cables together.

#### HDF2FCP

Female to female HDMI adaptor



### 2-Cable HDMI Extender

#### HDXTNDR

- Extends an HDMI signal up to 100' using two Cat5e or Cat6 cables
- Supports resolutions up to and including 1080p or 1920x1080 on pass through



### 4 to 2 HDMI Matrix

#### HD4MAT

- Supports 3D HDMI signals
- Supports resolutions up to and including 1080p
- Supports DTS/Dolby/DTS-HD/Dolby True HD/LPCM7.1/AC3
- Supports HDCP 1.2
- Supports simultaneous digital audio output: Stereo, Toslink and Coax
- Includes IR remote control



### HDMI Splitter

- HD2SPL** HDMI 1 to 2 splitter
- HD4SPL** HDMI 1 to 4 splitter

- Takes a single HDMI source and divides it into 2 (HD2SPL) or 4 (HD4SPL) monitors or televisions
- Supports 3D HDMI signals
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA, and 480i to 1080p
- Supports DTS/Dolby/DTS-HD/Dolby True HD/LPCM7.1/AC3
- Supports HDCP 1.2



### 5 to 1 HDMI Switch

Switches are used when you have multiple HDMI sources, such as DVRs, and only have one monitor to view them on.

#### HD5SWT

- Allows one HDMI display to rotate between 5 HDMI devices
- Supports 3D HDMI signals
- Supports a wide range of PC and HDTV resolutions from VGA to UXGA, and 480i to 1080p
- Supports DTS/Dolby/DTS-HD/Dolby True HD/LPCM7.1/AC3
- Includes IR remote control



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# HD Video Surveillance Solutions

Video Management Software

HD IP Solutions

HD HD-TVI Solutions

Flexible Intensifier® Technology

Intensifier® Technology

NVRs / Hybrids / DVRs

HD Monitor / Accessories

