

The future of HD Analog surveillance.

 **STAR-LIGHT** *PLUS*™

Color in Darkness Universal HD over Coax® cameras



Up to 4K Ultra HD resolution.



New ROI from coaxial infrastructure



Color in Darkness Universal HD over Coax® cameras



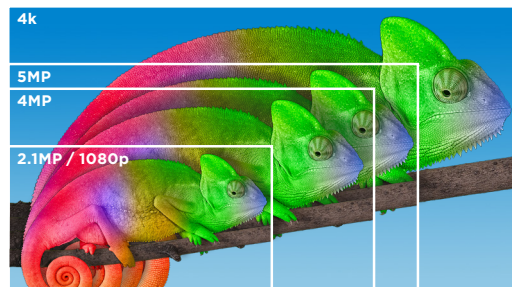
Universal HD over Coax®: 4K ultra HD resolution in near-total darkness

All DW® Universal HD over Coax® cameras include color in near-total darkness technology. They are engineered to work with our VMAX® A1 4K™ Universal HD over Coax® DVRs, using your existing coaxial infrastructure for a cost effective, high resolution surveillance solution.



Ultra HD Resolution

DW's technology delivers crystal-clear images in resolutions up to 4K over coaxial infrastructure. Higher resolution delivers forensic details when zooming into the camera's field of view.



Star-Light Plus™ color in darkness technology

Star-Light Plus™ color in near-total darkness technology provides crisp, clear images in color in near-total darkness. The camera's sensor offers back-illuminated pixel technology featuring increased light sensitivity. The result is a high-quality color picture in the visible light and near infrared light.



Star-Light Plus™ monochrome image in near-total darkness.™



Star-Light Plus™ delivers color image details in near-total darkness.

Features:



- Universal HD over Coax® technology with HD-Analog, HD-TVI and HD-CVI signal support
- Star-Light Plus™ color in near-total darkness technology
- 4K at 15fps, 4MP at 30fps, 2.1MP/1080p at real-time 30fps
- 5MP at 20fps, 4MP at real-time 30fps
- Built-in microphone*
- Fixed lens, vari-focal p-iris lens and motorized zoom with auto-focus lens options
- True wide dynamic range (WDR)
- OSD control via Coaxial (UTC)
- CleanView™ hydrophobic dome coating repels water, dust and grease*
- 70'-150' Smart IR™ with intelligent camera sync*
- Smart DNR™ 3D digital noise reduction
- True day/night mechanical IR cut filter
- De-Fog™ extreme weather image compensation
- Auto sensing 24VAC/12VDC with line lock*
- Easy icon driven OSD menu with built-in joystick
- Programmable privacy zones
- Auto gain control (AGC)
- Backlight compensation (BLC)
- Auto white balance (AWB)
- Relay output*
- IP66/67 environmental-rated dust-tight and water-resistant*
- IK-9/10-rated impact-resistant*
- 5 year warranty

* See last page for specifications per camera.



True Wide Dynamic Range

Cameras with True Wide Dynamic Range (WDR) technology have advanced sensors that can process a wider range of lighting, dark and bright in the same image.



Image is under exposed



Image is over exposed



WDR image is clear and balanced



Universal HD over Coax® Technology

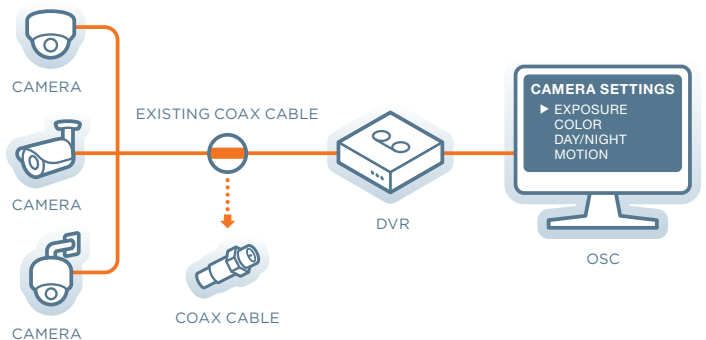
Universal HD over Coax® Complete Solutions are the best way to upgrade an existing analog system to high-definition. Universal HD over Coax® cameras and recorders can transmit HD-Analog, HD-TVI and HD-CVI signals up to 4K.

**UNIVERSAL
HD COAX®**



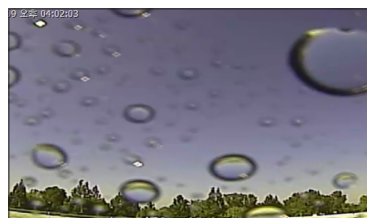
Up The Coax (UTC)

Get off the ladder! Make adjustments to your cameras from the DVR.



CleanView™ Hydrophobic Dome Coating

The CleanView™ coating improves visibility by repelling water spots, dust and grease build-up on the camera's dome. The CleanView™ coating treatment will allow liquid to roll off of the dome's polycarbonate surfaces when tilted vertically up to 10° or less.



Camera view without CleanView™



Camera view with CleanView™



	DWC-VA883WTIR	DWC-VA853WTIR	DWC-B6883WTIR	DWC-B6853WTIR	DWC-D3863WTIRW	DWC-D3853WTIRW	DWC-D4883WTIRW	DWC-V6863WTIRW
Video output	4K @ 15 fps, 4MP/1440p @ 30 fps, 2.1MP/1080p @ 30 fps							
Minimum scene illumination	0.09 lux (color) 0 lux (B/W)	0.1 lux (color) 0 lux (B/W)	0.09 lux (color) 0 lux (B/W)	0.1 lux (color) 0 lux (B/W)	0.1 lux (color) 0 lux (B/W)	0.1 lux (color) 0 lux (B/W)	0.09 lux (color) 0 lux (B/W)	0.1 lux (color) 0 lux (B/W)
Alarm output	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Audio input/output	N/A	N/A	N/A	N/A	N/A	N/A	1 built-in microphone	N/A
Focal length	3.6 - 10mm	2.8mm	3.6 - 10mm	2.8mm	3.6 - 10mm	2.8mm	3.6 - 10mm	3.6 - 10mm
Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens	Vari-focal p-iris lens	Fixed lens	Vari-focal p-iris lens with motorized zoom and auto-focus	Vari-focal p-iris lens
IR distance	80ft range	70ft range	150ft range	100ft range	100ft range	100ft range	70ft range	100ft range
IP rating	IP67 rated		IP66 rated		N/A	N/A	N/A	IP66 rated
IK rating	IK10 impact-rated		N/A	N/A	N/A	N/A	N/A	IK10 impact-rated



	DWC-VA553WTIR	DWC-VA583WTIR	DWC-B6563WTIR	DWC-B6563WTIR650	DWC-B7553WTIR	DWC-D3563WTIR
Video output	HD-Analog and HD-TVI: 5MP/1944p @ 20fps or 12.5fps HD-Analog, HD-TVI and HD-CVI: 4MP/1440p @ 30fps					
Minimum scene illumination	0.16 lux (color) 0 lux (B/W)	0.08 lux (color) 0 lux (B/W)	0.08 lux (color) 0 lux (B/W)	0.1 lux (color) 0 lux (B/W)	0.16 lux (color) 0 lux (B/W)	0.08 lux (color) 0 lux (B/W)
I/O						
Alarm output	N/A	N/A	1 alarm output		N/A	1 alarm output
Audio input/output	N/A	N/A	N/A	N/A	N/A	N/A
Focal length	4.0mm	2.7 - 13.5mm	2.7 - 13.5mm	6 - 50mm	4.0mm	2.7 - 13.5mm
Vari-focal p-iris lens	Fixed lens	Vari-focal p-iris lens with motorized zoom and auto-focus		Vari-focal p-iris lens		Vari-focal p-iris lens
100ft range	70ft range	80ft range		100ft range	150ft range	100ft range
IP rating	IP67 rated			IP66 rated		IP66 rated
IK rating	IK10 impact-rated		N/A	N/A	N/A	N/A



	DWC-D4583WTIR	DWC-MC553WTIR	DWC-V6563WTIR	DWC-V7553W	DWC-V7553WTIR
Video output	HD-Analog and HD-TVI: 5MP/1944p @ 20fps or 12.5fps HD-Analog, HD-TVI and HD-CVI: 4MP/1440p @ 30fps				
Minimum scene illumination	0.08 lux (color) 0 lux (B/W)	0.16 lux (color) 0 lux (B/W)	0.08 lux (color) 0 lux (B/W)	0.13 lux (color)	0.16 lux (color) 0 lux (B/W)
Alarm output	1 alarm output	N/A	1 alarm output	N/A	N/A
Audio input/output	1 built-in microphone	N/A	N/A	N/A	N/A
Focal length	2.7 - 13.5mm	4.0mm	2.7 - 13.5mm	2.8mm	4.0mm
Lens type	Vari-focal p-iris lens with motorized zoom and auto-focus	Fixed lens	Vari-focal p-iris lens	Fixed lens	Fixed lens
IR distance	70ft range	50ft range	100ft range	N/A	50ft range
IP rating	N/A	IP66 rated			
IK rating	N/A	IK09-rated impact resistant			

* See product datasheets for complete specifications.



VMAX® A1 4K™ DVRs support HD-Analog and HD-TVI up to 4K resolution.



Command . Control . Communicate



Remote management and event server software, put you in complete control of your surveillance systems in one intuitive interface from anywhere.

☎ : 866.446.3595

✉ : sales@dwcc.tv

🌐 : www.digital-watchdog.com

