H6HRN
6 Channel Hybrid Digital Video Recorder
4 HD-TVI Channels plus 2 IP Channels

H24HRN
24 Channel Hybrid Digital Video Recorder
16 HD-TVI Channels plus 8 IP Channels

H12HRN
12 Channel Hybrid Digital Video Recorder
8 HD-TVI Channels plus 4 IP Channels

IP | **HD TVI** | **2 MP** | **EZ SEARCH 2.0** | **EZ WIZARDS** | **S.M.A.R.T.** | **OBJECT DETECTION** | **H.265** | **P2P** | **EZ Mobile**

STORAGE
2TB - 32TB

H6HRN2TB	H12HRN2TB	H24HRN2TB	H24HRN24TB
H6HRN4TB	H12HRN4TB	H24HRN4TB	H24HRN32TB
H6HRN6TB	H12HRN6TB	H24HRN6TB	
H6HRN8TB	H12HRN8TB	H24HRN8TB	
H6HRN10TB	H12HRN12TB	H24HRN12TB	
H6HRN12TB	H12HRN16TB	H24HRN16TB	
H6HRN16TB		H24HRN20TB	

Front panel

Rear panel   H24HRN (Shown)

NDAA COMPLIANT

5 YEAR WARRANTY

Key Features

EZ Wizards - For ease of use and setup

Camera: quickly discover and install all Speco IP cameras

Setup: for quick setup of general settings

Network: network setup and port forwarding

Record: quickly setup recording resolutions and recording type

Search: quickly search for events from thumbnails

Copy: quickly copy what you are playing onto a USB flash drive

- H.265 compression - Store up to 2x more than H.264!
- 1 SATA port for up to 14TB of storage (H6HRN, H12HRN)
- 2 SATA ports for up to 28TB of storage (H24HRN)
- 1 eSATA port for an additional 8TB of storage (H12HRN, H24HRN)
- 4K HDMI out and VGA monitor output
- Object and line crossing detection and alerts*
- Smart Search - Specify a region on the camera view and search on changes in that area*
- 2-way audio communication
- Alarm 4/8/16 inputs, 1/2/4 outputs
- Free US-based DDNS and P2P services
- Remote viewing via web browser, your Apple TV, Amazon Fire TV, or your mobile device
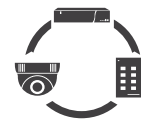- Easy video exporting via USB
- 5 year limited warranty[1]

*with Speco Smart Analytic IP Cameras

1. HDD 3 Years

Additional Features

- Supports different recording types: Continuous, Motion, Analytics, and Sensor
- Create bookmark pins on playback for easy reference
- Instant playback for individual channels directly from the live view screen
- Customizable channel view placement
- Remote monitoring, recording, playback, configuration, upgrades, and PTZ control via the internet
- Simultaneous HDMI & VGA video output
- Built-in S.M.A.R.T technology (Self-Monitoring, Analysis and Reporting Technology for HDD)
- Supports 2-way audio communication (speaker required)

INTEGRATED WITH
speco access

- Auto Live Camera Pop-Up
- View A Camera
- Event Tag

Optional Accessories

ERS1V
Vented Rack Shelf

P16S18 - 10/100
18 Port Switch
with 16 Port PoE

P16S18G - 10/100/1000
18 Port Gigabit Switch
with 16 Port PoE

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speco technologies

		H6HRN	H12HRN
System	OS	Embedded Linux	
Video	Analog Video Input	BNC x 4	BNC x 8
		BNC interface (1.0Vp-p; 75Ω)	
		TVI/AHD/CVI : 1080P/720P/WD1 (live)	
	IP Video Input	2CH	4CH
		Up to 5MP@30fps	Up to 5MP@30fps
	Bandwidth	16Mbps	32Mbps
	Total Input	6CH	12CH
	Output	HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 BNC × 1 : CVBS (used as the main or spot output)	
	Compression	H.264/H.265	
	Multi-screen Display	1 /4/6/9	1 /4/6/8/9/13/16
Audio	Input	RCA × 4	RCA × 8
	Output	RCA × 1	
	Two-way audio	Take up channel one audio input	
	Compression	G.711(U/A)	
Record	Resolution	5MP Lite/4MP Lite / 1080P/1080P Lite/720P/WD1/D1	
	Frame Rate	Analog Channel: 1080P@15fps (NTSC) 720P/WD1/D1/ 30fps (NTSC) IP Channel: 30fps (NTSC)	
	Mode	Manual, timer, motion, smart event	
Playback	Playback	4CH	8CH
	Search	Time slice / time / event / tag search	
	Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record events	
	Function	Play, pause, FF, FB, digital zoom, etc.	
Alarm	Mode	Manual, motion, exception, smart event	
	Input	4CH	8CH
	Output	1CH	2CH
Other Viewing Platforms		AppleTV, Amazon Fire TV, SecureGuard® VMS, SecureGuard® CMS	
Network	Interface	RJ 45 100Mbps × 1	
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP	
	Client Connection	Max. 5 users access	Max. 10 users access
Mobile	OS	iOS, Andriod Speco Blue , SecureGuard Client	
Storage	HDD	SATA×1, up to 14TB	SATA×1, up to 14TB
	E-SATA	0	1
Backup	Local Backup	USB, USB HDD	
	Network Backup	Yes	
Port	RS 485	Yes (half-duplex), connect to PTZ or keyboard	
	USB	USB 2.0 x 2	
	Remote Controller	Optional	
Others	Power Supply	DC12V/2A	
	Consumption	≤ 10W (without HDD)	
	Dimensions	11.8in x 9.8in x 1.77in (300mm x 249mm x 45mm)	
	Working Environment	-10~50°C, 10%~90% (humidity)	

Please note that specifications and unit exterior design are subject to change without notification. Rev. 7/13/21

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Model		H24HRN
System	OS	Embedded Linux
Video	Analog Video Input	BNC × 16
		BNC interface (1.0Vp-p; 75Ω)
		TVI/AHD/CVI : 1080P/720P/WD1 (live)
	IP Video Input	8CH
		Up to 5MP@30fps
	Bandwidth	32Mbps
	Total Input	24CH
	Output	HDMI × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 VGA × 1 : 1920 × 1080 / 1280 × 1024 / 1024 × 768 BNC × 1 : CVBS (used as the main or spot output)
	Compression	H.264/H.265
	Multi-screen Display	1/4/6/8/9/13/16/25
Audio	Input	RCA × 8
	Output	RCA × 1 (linear, 600Ω)
	Two-way audio	Take up channel one audio input
	Compression	G.711(U/A)
Record	Resolution	5MP Lite/4MP Lite / 1080P/1080P Lite/720P/WD1
	Frame Rate	Analog Channel: 1080P@12fps(PAL) / 15fps (NTSC) 720P/WD1/D1@25fps (PAL) / 30fps (NTSC) IP Channel: 25fps (PAL) / 30fps (NTSC)
	Mode	Manual, timer, motion, smart event
Playback	Playback	16CH
	Search	Time slice / time / event / tag search
	Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record events
	Function	Play, pause, FF, FB, digital zoom, etc.
Alarm	Mode	Manual, motion, exception, smart event
	Input	16CH
	Output	4CH
Other Viewing Platforms		AppleTV, Amazon Fire TV, SecureGuard® VMS, SecureGuard® CMS
Network	Interface	RJ 45 1000Mbps × 1
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPs, NTP, SMTP
	Client Connection	Max. 10 users access
Mobile	OS	iOS, Andriod Speco Blue SecureGuard Client
Storage	HDD	SATA×2, up to 14TB per HDD
	E-SATA	1
Backup	Local Backup	USB, USB HDD
	Network Backup	Yes
Port	RS 485	Yes (half-duplex), connect to PTZ or keyboard
	USB	USB 2.0 × 2
	Remote Controller	Optional
Others	Power Supply	DC12V/3A
	Consumption	≤ 10W (without HDD)
	Dimensions	14.96in x 10.55in x 1.77in (380mm x 268mm x 45mm)
	Working Environment	-10~50°C, 10%~90% (humidity)
	Certificate	CE, FCC