

Network Video Recorder




	Plug & Play				
	DS-7604NI-E1/4P/A	DS-7608NI-E2/8P/A	DS-7616NI-E2/8P/A	DS-7616NI-E2/16P/A	DS-7716NI-SP/16
Model					
Video Compression	H.264	H.264	H.264	H.264	H.264
HDMI/VGA Output	1920 x 1080/1920 x 1080	1920 x 1080/1920 x 1080	1920 x 1080/1920 x 1080	1920 x 1080/1920 x 1080	1920 x 1080/1920 x 1080
IP Video Input	4-ch IPC with integrated 4-port 802.3af and at PoE switch	8-ch IPC with integrated 4-port 802.3af and at PoE switch	16-ch IPC with integrated 8-port 802.3af and at PoE switch	16-ch IPC with integrated 16-port 802.3af and at PoE switch	16-ch IPC with integrated 16-port 802.3af and at PoE Switch
Audio Input/Output	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out
Alarm Input/Output	4 ch/1 ch	4 ch/1 ch	4 ch/1 ch	4 ch/1 ch	16 ch/4 ch
USB	1 USB 2.0; 1 USB 3.0	1 USB 2.0; 1 USB 3.0	1 USB 2.0; 1 USB 3.0	1 USB 2.0; 1 USB 3.0	3 USB 2.0
Internal SATA	1 SATA interface (up to 6 TB)	2 SATA interfaces (up to 6 TB each)	2 SATA interfaces (up to 6 TB each)	2 SATA interfaces (up to 6 TB each)	4 SATA interfaces (up to 6 TB each)
Max. Incoming Bandwidth (Mbps)	40 Mbps*	80 Mbps*	160Mbps*	160Mbps*	100 Mbps
Max. Outgoing Bandwidth (Mbps)	80 Mbps*	80 Mbps*	80 Mbps*	80 Mbps*	240 Mbps
Max. Remote Connections	32	128	128	128	128
Rack Units	1	1	1	1	1.5
Other features	---	---	---	---	---
PoE Budget	50 W	120 W	200 W	200 W	200 W
Power Requirements	48 VDC, PoE+ (802.3at), ≤10 W without HDD	100 to 240 VAC, PoE+ (802.3at), ≤10 W without HDD	100 to 240 VAC, PoE+ (802.3at), ≤10 W without HDD	100 to 240 VAC, PoE+ (802.3at), ≤10 W without HDD	100 to 240 VAC, 6.3 A, 50 to 60 Hz, PoE+ (802.3at), 40 W without HDD

*Firmware v 3.3.1 and later

Network Video Recorder

	DS-7604HI-ST/A	DS-7608HI-ST/A	DS-7616HI-ST/A
Model			
Video Compression	H.264 analog/-IP	H.264 analog/-IP	H.264 analog/-IP
HDMI/VGA Output	WD1 @ 25fps per ch./ max. 5 Megapixel	WD1 @ 25fps per ch./ max. 5 Megapixel	WD1 @ 25fps per ch./ max. 5 Megapixel
IP Video Input	4-ch analog or max 8-ch IP (20Mbps IN max)	8-ch analog or max 16-ch IP (40Mbps IN max)	16-ch analog or max 32-ch IP (80Mbps IN max)
Video output	1 HDMI, 1 VGA, 1 BNC	1 HDMI, 1 VGA, 1 BNC	1 HDMI, 1 VGA, 1 BNC
Audio Input/Output	1 line in/1 line out	1 line in/1 line out	1 line in/1 line out
Alarm Input/Output	4 ch/1 ch	8 ch/4 ch	8 ch/4 ch
USB	2 USB 2.0	2 USB 2.0	2 USB 2.0
Internal SATA	1 SATA interface (up to 4 TB)	2 SATA interfaces (up to 4 TB each)	2 SATA interfaces (up to 4 TB each)
Max. Incoming Bandwidth (Mbps)	20 Mbps	40Mbps	80Mbps
Max. Remote Connections	128	128	128
Rack Units	1	1	1
Other features	---	---	---
PoE Budget	---	---	---
Power Requirements	12 VDC, 10W without HDD	12 VDC, 10W without HDD	12 VDC, 10W without HDD

Digital Video Recorder

	TurboHD Tribrid DVR Value Series			TurboHD Tribrid DVR Pro Series	
	DS-7204HGHI-SH/A	DS-7208HGHI-SH/A	DS-7216HGHI-SH/A	DS-7308HQHI-SH	DS-7316HQHI-SH
Model					
Video Compression	H.264	H.264	H.264	H.264	H.264
HDMI/VGA Output	1920 x 1080/1920 x 1080, sync output	1920 x 1080/1920 x 1080, sync output	1920 x 1080/1920 x 1080, sync output	1920 x 1080/1920 x 1080, sync output	1920 x 1080/1920 x 1080, sync output
Analog Input	4-Ch 1.0 Vp-p, 75 Ω	8-Ch 1.0 Vp-p 75 Ω	16-Ch 1.0 Vp-p 75 Ω	8-Ch 1.0 Vp-p 75 Ω	16-Ch 1.0 Vp-p 75 Ω
Video Standard	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)	HD-TVI/CVBS (auto-detect)
Audio Input/Output	4 ch/1-ch	4 ch/1-ch	4 ch/1-ch	4-ch/2-ch	4-ch/2-ch
Alarm Input/Output	4/1	8/4	16/4	16/4	16/4
USB 2.0	2	2	2	3	3
Internal SATA	1 (up to 6 TB)	2 (up to 6 TB each)	2 (up to 6 TB each)	4 (up to 6 TB each)	4 (up to 6 TB each)
Total Internal Storage	6TB	12 TB	12 TB	24 TB	24 TB
Auto Detect CVBS or Turbo Signal	Yes	Yes	Yes	Yes	Yes
Support 720p Turbo (p/ch)	Yes, 30 fps	Yes, 30 fps	Yes, 30 fps	Yes, 30 fps	Yes, 30 fps
Support 1080p Turbo (p/ch)	Yes, 12 fps	Yes, 12 fps	Yes, 12 fps	Yes, 30 fps	Yes, 30 fps
Analog Resolution to 960H (WD1)	Yes	Yes	Yes	Yes	Yes
Disable Turbo/CVBS Channel/Add IPC	---	---	---	Yes	Yes
Hikvision IP Camera Support	1 up to 1080p	2 up to 1080p	2 up to 1080p	2 up to 1080p (up to 10 ch if disable turbo channels)	2 up to 1080p (up to 18 ch if disable turbo channels)
Front Panel Control	---	---	---	Yes	Yes
OSD Menu-Up-the-Coax	Yes	Yes	Yes	Yes	Yes
Spot Monitor Output (BNC)	---	---	---	Yes	Yes
eSATA Interface	---	---	---	Yes	Yes
VCA (Video Content Analysis) ⁶	Up to 1 channel support	Up to 1 channel support	Up to 1 channel support	Up to 2 channel support	Up to 2 channel support
Smart Play ⁷	Yes	Yes	Yes	Yes	Yes
Max Incoming Bandwidth (Mbps)	60 Mbps	96 Mbps	128 Mbps	200 Mbps	200 Mbps
Maximum Outgoing Bandwidth (Mbps)	60 Mbps	96 Mbps	128 Mbps	200 Mbps	200 Mbps
Max. Network Streams	128	128	128	128	128
User Names	32	32	32	32	32
Remote User Logins	128	128	128	128	128
Other features	---	---	---	---	---
Rack Units	1	1	1	1.5	1.5
Power Requirements	12 VDC, ≤15 W without HDD	12 VDC, ≤20 W without HDD	12 VDC, ≤20 W without HDD	100 to 240 VAC, 50 to 60 Hz, ≤40 W without HDD	100 to 240 VAC, 50 to 60 Hz, ≤55 W without HDD