






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	128	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	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, 6.3 A, 50 to 60 Hz, PoE+ (802.3at), 40 W without HDD

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	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	4 ch/1 ch	4 ch/1 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