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Model	DS-9516NI-S	DS-9508NI-S	DS-9616NI-SH	DS-9612NI-SH	DS-9608NI-SH	DS-9604NI-SH	DS-7604NI-S	DS-9016HFI-S	DS-9008HFI-S
									
Video kompresia	-	-	-	-	-	-	-	H.264	H.264
Audio kompresia	-	-	-	-	-	-	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps
IP video vstup	16-ch at 4CIF resolution/8-ch at 720P resolution/4-ch at UXGA resolution (or 8-ch in non-real time)	8-ch at 4CIF resolution/4-ch at 720P resolution/2-ch at UXGA resolution (or 4-ch in non-real time)	16-ch at 4CIF resolution/8-ch at 720P resolution/4-ch at UXGA resolution (or 8-ch in non-real time)	12-ch at 4CIF resolution/6-ch at 720P resolution/3-ch at UXGA resolution (or 6-ch in non-real time)	8-ch at 4CIF resolution/4-ch at 720P resolution/2-ch at UXGA resolution (or 4-ch in non-real time)	4-ch at 4CIF resolution/2-ch at 720P resolution/1-ch at UXGA resolution (or 2-ch in non-real time)	4-ch 4CIF or 2-ch UXGA/720P IP camera/dome (Hikvision protocol)	16-ch 4CIF or 8-ch HD IP Camera	8-ch 4CIF or 4-ch HD IP Camera
Video input/output	-	-	Input: up to 16-ch (IP) Output: 2-ch BNC, 1-ch HDMI, 1-ch VGA	Input: up to 12-ch (IP) Output: 2-ch BNC, 1-ch HDMI, 1-ch VGA	Input: up to 8-ch (IP) Output: 2-ch BNC, 1-ch HDMI, 1-ch VGA	Input: up to 4-ch (IP) Output: 2-ch BNC, 1-ch HDMI, 1-ch VGA	- / 1-ch	16-ch / 2-ch	8-ch / 2-ch
Audio input/output	-	-	Output: 2-ch BNC	Output: 2-ch BNC	Output: 2-ch BNC	Output: 2-ch BNC	1-ch / 1-ch	16-ch / 2-ch	8-ch / 2-ch
Voice talk input	-	-	2-ch	2-ch	2-ch	2-ch	1-ch	2-ch	2-ch
Recording resolution	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF
VGA resolution	-	-	1024x768/60Hz, 1024x768/70Hz, 1280x1024/60Hz	1024x768/60Hz, 1024x768/70Hz, 1280x1024/60Hz	1024x768/60Hz, 1024x768/70Hz, 1280x1024/60Hz	1024x768/60Hz, 1024x768/70Hz, 1280x1024/60Hz	Up to 1024x768/60Hz	Up to 1280x1024/60Hz	Up to 1280x1024/60Hz
Frame rate	PAL: 25fps NTSC:30fps	PAL: 25fps NTSC:30fps	PAL: 25fps NTSC:30fps	PAL: 25fps NTSC:30fps	PAL: 25fps NTSC:30fps	PAL: 25fps NTSC:30fps	UXGA/720P: 25fps(P), 30fps(N)	PAL: 25fps NTSC: 30fps	PAL: 25fps NTSC: 30fps
Synchronous playback	-	-	16-ch	12-ch	8-ch	4-ch	4-ch	16-ch	8-ch
Alarm input/output	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	4-ch / 1-ch	16-ch / 4-ch	16-ch / 4-ch
Network Interface	1RJ-45, 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ-45, 10/100/1000Mbps self-adaptive UTP Ethernet interface	1RJ-45, 10/100/1000Mbps self-adaptive Ethernet interface	1RJ-45, 10/100/1000Mbps self-adaptive Ethernet interface	1RJ-45, 10/100/1000Mbps self-adaptive Ethernet interface	1RJ-45, 10/100/1000Mbps self-adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface
HDD interface	8 SATA interface	4 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	1 SATA interface	8 SATA interface	8 SATA interface
USB interface	2, USB2.0	2, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	2, USB2.0	3, USB2.0	3, USB2.0

Model	DS-9004HFI-S	DS-7604HI-S	DS-9116HFI-S	DS-9108HFI-S	DS-9104HFI-S	DS-9116HDI-S	DS-9108HDI-S	DS-9104HDI-S
								
Video kompresia	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Audio kompresia	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps
IP video vstupy	4-ch 4CIF or 2-ch HD IP Camera	4-ch 4CIF or 2-ch UXGA/720P IP camera/dome (Hikvision protocol only)	-	-	-	-	-	-
Video vstupy / výstupy	4-ch / 2-ch	Up to 6-ch (4-ch analog camera+ 2-ch 4CIF IP camera/dome) / 1-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch
Audio vstupy / výstupy	4-ch / 2-ch	1-ch / 1-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch
Hlasový vstup	2-ch	1-ch	2-ch	2-ch	2-ch	2-ch	2-ch	2-ch
Rozlíšenie záznamu	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	UXGA/720P/4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF
VGA rozlíšenie	Up to 1280x1024/60Hz	Up to 1024x768/60Hz	Up to 1280x1024/60Hz	Up to 1280x1024/60Hz	Up to 1280x1024/60Hz	Up to 1280x1024/60Hz	Up to 1280x1024/60Hz	Up to 1280x1024/60Hz
FPS	PAL: 25fps NTSC: 30fps	IP Camera: UXGA/720P: 25fps(P), 30fps(N) Analog Camera: 4CIF/DCIF: 8fps 2CIF: 16fps	PAL: 25fps, NTSC: 30fps	PAL: 25fps, NTSC: 30fps	PAL: 25fps, NTSC: 30fps	4CIF: 12fps(P) / 15fps(N) 2CIF: 25fps(P) / 30fps(N)	4CIF: 12fps(P) / 15fps(N) 2CIF: 25fps(P) / 30fps(N)	4CIF: 12fps(P) / 15fps(N) 2CIF: 25fps(P) / 30fps(N)
Synchronne prehrávanie	4-ch	4-ch	16-ch	8-ch	4-ch	16-ch	8-ch	4-ch
Alarm vstup / výstup	16-ch / 4-ch	4-ch / 1-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch
Sieťové rozhranie	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface
Rozhranie HDD	8 SATA interface	1 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface
USB rozhranie	3, USB2.0	2, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0

	DS-8116HFI-S	DS-8108HFI-S	DS-8104HFI-S	DS-8116HDI-S	DS-8108HDI-S	DS-8104HDI-S	DS-8116HCI-S	DS-8108HCI-S	DS-8104HCI-S
Model									
Video kompresia	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Audio kompresia	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps
Video vstupy / výstupy	-	8-ch / 2-ch	4-ch / 2-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch
Audio vstupy / výstupy	16-ch / 2-ch	8-ch / 1-ch	4-ch / 1-ch	16-ch / 1-ch	8-ch / 1-ch	4-ch / 1-ch	16-ch / 1-ch	8-ch / 1-ch	4-ch / 1-ch
Hlasový vstup	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch	1-ch
Rozlíšenie záznamu	4CIF/DCIF/2CIF / CIF/QCIF	4CIF/DCIF/2CIF / CIF/QCIF	4CIF/DCIF/2CIF / CIF/QCIF	4CIF/DCIF/2CIF / CIF/QCIF	4CIF/DCIF/2CIF / CIF/QCIF	4CIF/DCIF/2CIF / CIF/QCIF	4CIF/2CIF/CIF/ QCIF	4CIF/2CIF/CIF/ QCIF	4CIF/DCIF/2CIF / CIF/QCIF
VGA rozlíšenie	Up to 1280x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz
FPS	4CIF/2CIF/CIF: 25(P)/30(N) fps	4CIF/2CIF/CIF: 25(P)/30(N)fps	4CIF/2CIF/CIF: 25(P)/30(N)fps	4CIF: 12fps; 2CIF: 25(P)/30(N)fps;	4CIF: 12fps; 2CIF: 25(P)/30(N)fps;	4CIF/DCIF: 8fps; 2CIF/CIF: 25(P)/30(N)fps	4CIF: 6fps; 2CIF: 12fps; CIF: 25(P)/30(N) fps	4CIF: 8fps; 2CIF: 16fps; CIF: 25(P)/30(N) fps	4CIF/DCIF: 8fps; 2CIF: 16fps; CIF: 25(P)/30(N) fps
Synchrónne prehrávanie	16-ch	8-ch	4-ch	16-ch	8-ch	4-ch	16-ch	8-ch	4-ch
Alarm vstupy / výstupy	16-ch / 4-ch	16-ch / 4-ch	4-ch / 2-ch	16-ch / 4-ch	16-ch / 4-ch	4-ch / 2-ch	16-ch / 4-ch	16-ch / 4-ch	4-ch / 2-ch
Sieťové rozhranie	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M/1000M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface
Rozhranie HDD	8 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	8 SATA interface	4 SATA interface	8 SATA interface	8 SATA interface	4 SATA interface
USB rozhranie	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0	3, USB2.0

Model	DS-7316HI-S	DS-7308HI-S	DS-7304HI-S	DS-7216HVI-S	DS-7208HVI-S	DS-7204HVI-S	DS-7204AHLI-VS	DS-8104AHI-S	DS-8104AHLI-S	DS-8104AHFLI-S
										
Video kompresia	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Audio kompresia	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps
Video vstupy / výstupy	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch	16-ch / 2-ch	8-ch / 2-ch	4-ch / 2-ch	4-ch / 2-ch	4-ch / 1-ch	4-ch / 1-ch	4-ch / 1-ch
Audio vstupy / výstupy	4-ch / 1-ch	4-ch / 1-ch	4-ch / 1-ch	4-ch / 1-ch	4-ch / 1-ch	1-ch / 1-ch	1-ch / 1-ch	4-ch / 1-ch BNC & 1-ch RCA	4-ch / 1-ch BNC & 1-ch RCA	4-ch / 1-ch BNC & 1-ch RCA
Hlasové vstupy	1-ch	1-ch	1-ch	1-ch, Using Audio IN	1-ch, Using Audio IN	1-ch, Using Audio IN	1-ch, Using Audio IN	1-ch	1-ch	4-ch
Rozlíšenie záznamu	4CIF/2CIF/CIF/QCIF	4CIF/2CIF/CIF/QCIF			CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF	CIF/QCIF	CIF/QCIF	4CIF/DCIF/2CIF/CIF/QCIF
VGA rozlíšenie	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz	Up to 1024x768/60Hz
FPS	4CIF: 6fps; 2CIF: 12fps; CIF: 25(P)/30(N) fps	4CIF: 8fps; 2CIF: 16fps; CIF: 25(P)/30(N) fps	4CIF/DCIF: 8fps; 2CIF: 16fps; CIF: 25(P)/30(N) fps	PAL: 25fps NTSC: 30fps	PAL: 25fps, NTSC: 30fps	4CIF: 6fps, DCIF: 12fps, 2CIF: 12fps, CIF: 25(P)/30(N) fps	4CIF: 6fps, DCIF: 12fps, 2CIF: 12fps, CIF: 25(P)/30(N) fps	CIF: 25fps(P), 30fps(N)	CIF: 25fps(P), 30fps(N)	4CIF:25(P), 30(N)
Synchronne prehrávanie	16-ch	8-ch	4-ch	2-ch	1-ch	1-ch	1-ch	4-ch	4-ch	4-ch
Alarm vstupy / výstupy	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	16-ch / 4-ch	4-ch / 1-ch	4-ch / 1-ch	5-ch / 2-ch	5-ch / 2-ch	5-ch / 2-ch
Sieťové rozhranie	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface	1, RJ45 10M/100M adaptive Ethernet interface
Rozhranie HDD	4 SATA interface	4 SATA interface	4 SATA interface	2 SATA interface	2 SATA interface	1 SATA interface	1 SATA interface	4 SATA interface	4 SATA interface	4 SATA interface
USB rozhranie	2, USB2.0	2, USB2.0	2, USB2.0	2, USB2.0	2, USB2.0	1, USB 2.0	1, USB 2.0	3, USB2.0	3, USB2.0	3, USB2.0

Model	DS-8104HMI-A	DS-8104HMI-B	DS-8104HMI-M	DS-8012HMI	DS-8008HMI	DS-8004HMF1-B	DS-8012HMF1	DS-8008HMF1
								
Video compression	H.264	H.264	H.264	H.264	H.264	H.264	H.264	H.264
Audio compression	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps	OggVorbis, 16Kbps
Video input/output	4-ch / 1-ch	4-ch / 2-ch	4-ch / 1-ch	12-ch / 2-ch	8-ch / 2-ch	4-ch / 1-ch	12-ch / 2-ch	8-ch / 2-ch
Audio input/output	4-ch / 1-ch	1-ch / 1-ch	2-ch / 1-ch	12-ch / 2-ch	8-ch / 2-ch	4-ch / 1-ch	12-ch / 2-ch	8-ch / 2-ch
Channel interface	Aviation Interface	BNC	Integrated socket	Aviation Interface	Aviation Interface	Aviation Interface	Aviation Interface	Aviation Interface
Voice talk input	-	-	-	1-ch	1-ch	1-ch	1-ch	1-ch
Recording resolution	4CIF/DCIF/2CIF/ CIF/QCIF	4CIF/DCIF/2CIF/ CIF/QCIF	4CIF/DCIF/2CIF/ CIF/QCIF	2CIF/CIF/QCIF	2CIF/CIF/QCIF	4CIF/DCIF/2CIF/ CIF/QCIF	4CIF/DCIF/2CIF/ CIF/QCIF	4CIF/DCIF/2CIF/ CIF/QCIF
VGA resolution	-	-	-	Up to 1024x768/ 60Hz	Up to 1024x768/ 60Hz	Optional	Up to 1024x768/ 60Hz	Up to 1024x768/ 60Hz
Frame rate	4CIF: 6fps, DCIF: 12fps, 2CIF: 15fps, CIF/QCIF: 25(P)/30(N)	4CIF: 6fps, DCIF: 12fps, 2CIF: 15fps, CIF/QCIF: 25(P)/30(N)	4CIF: 6fps, DCIF: 12fps, 2CIF: 15fps, CIF/QCIF: 25(P)/30(N)	25(P)/30(N) fps	25(P)/30(N) fps	4CIF: 25(P)/30(N) fps	25(P)/30(N) fps	25(P)/30(N) fps
Alarm input/output	8-ch / 2-ch	4-ch / 1-ch	8-ch / 2-ch	16-ch / 4-ch	16-ch / 4-ch	4-ch / 2-ch	16-ch / 4-ch	16-ch / 4-ch
Network Interface	1 Ethernet Interface, 2 SMA Wireless network antenna	1 Ethernet Interface, 2 SMA Wireless network antenna	1 Ethernet Interface, 2 SMA Wireless network antenna	1 Ethernet Interface, 2 SMA Wireless network antenna	1 Ethernet Interface, 2 SMA Wireless network antenna	1, RJ45 10M/100M adaptive Ethernet interface	1 Ethernet Interface, 2 SMA Wireless network antenna	1 Ethernet Interface, 2 SMA Wireless network antenna
HDD Number and Size	2, 2.5 inch	2, 2.5 inch	1, SD Card	2, 2.5 inch	2, 2.5 inch	1, 3.5 inch	2, 2.5 inch	2, 2.5 inch
HDD Installation	SATA, Pluggable	SATA, Pluggable	Pluggable	SATA, Pluggable	SATA, Pluggable	SATA, Build-in	SATA, Pluggable	SATA, Pluggable
Wireless Model	Built-in, (optional)	Built-in, (optional)	Built-in, (optional)	Built-in, (optional)	Built-in, (optional)	External Wireless Router	Built-in, (optional)	Built-in, (optional)
GPS model	Built-in	RS-485 connect GPS model	Built-in	Built-in	Built-in	Built-in, (optional)	Built-in	Built-in
Power Input	DC +6~36V	DC +6~36V	DC +6~36V	DC +6~36V	DC +6~36V	DC +6~36V	DC +6~36V	DC +6~36V