




SONY®



IPELA™

Network Surveillance Recorders & Management Software

Network Surveillance Recorders & Management Software

Sony Network Surveillance Recorders		 NSR-1200	 NSR-1100	 NSR-1050H
Video / Recording				
Number of IP Cameras Supported (IP/Analog Total)		64 Max	32 Max	20 Max
Analog Camera Input		Option (NSBK-A16)	Option (NSBK-A16)	16ch Video Input / 4ch Audio Input (Supplied Cable)
Video Compression (IP Camera)		MPEG4 / JPEG	MPEG4 / JPEG	MPEG4 / JPEG
Video Compression (Analog Camera)		N/A	N/A	MPEG4 / JPEG
Maximum Recording Rate		480 fps	240 fps	120 fps
Hard Disk Drives	Physical Capacity	2TB (500GB x4)	1TB (500GB x2)	500GB (500GB x1)
	Interface	Serial ATA	Serial ATA	Serial ATA
	RAID Level	RAID 5	RAID 0	N/A
	Recording Capacity	Approx. 1366GB	Approx. 886GB	Approx. 443GB
Expansion Storage		Supports NSRE-S200 (2000GB) (Max. 7 Units)	Supports NSRE-S200 (2000GB) (Max. 7 Units)	Supports NSRE-S200 (2000GB) (Max. 7 Units)
Video Interface				
Monitor OUT #1	HDMI Output	HDMI (A-type) x 1	HDMI (A-type) x 1	HDMI (A-type) x 1
	Analog RGB Output	D-sub 15-pin x 1 (Front) or D-sub 15-pin x 1 (Rear) ¹²	D-sub 15-pin x 1 (Front) or D-sub 15-pin x 1 (Rear) ¹²	D-sub 15-pin x 1 (Front) or D-sub 15-pin x 1 (Rear) ¹²
Monitor OUT #2	HDMI Output	HDMI (A-type) x 1	HDMI (A-type) x 1	HDMI (A-type) x 1
	Analog RGB Output	D-sub 15-pin x 1	D-sub 15-pin x 1	D-sub 15-pin x 1
Audio Interface				
Line Out		RCA-pin, L/R x 1 stereo pair	RCA-pin, L/R x 1 stereo pair	RCA-pin, L/R x 1 stereo pair
Sensor / Alarm				
Sensor in		8 channel photo-coupler (DC3.3-24 V)	8 channel photo-coupler (DC3.3-24 V)	8 channel photo-coupler (DC3.3-24 V)
Alarm out		8 channel relay (Max. 24V 1A)	8 channel relay (Max. 24V 1A)	8 channel relay (Max. 24V 1A)
Other Interfaces				
Ethernet		1000Base-T/100Base-TX/10Base-T x 4 (Auto switching)	1000Base-T/100Base-TX/10Base-T x 4 (Auto switching)	1000Base-T/100Base-TX/10Base-T x 4 (Auto switching)
USB		USB2.0 x3 (Front), USB2.0 x3 (Rear)	USB2.0 x3 (Front), USB2.0 x3 (Rear)	USB2.0 x3 (Front), USB2.0 x3 (Rear)
Serial Interface (for UPS)		RS-232C : D-sub 9-pin x1	RS-232C : D-sub 9-pin x1	RS-232C : D-sub 9-pin x1
Serial Interface (for Analog Camera Control)		RS-232C : D-sub 9pin x1, RS-422/485 x1	RS-232C : D-sub 9pin x1, RS-422/485 x1	RS-232C : D-sub 9pin x1, RS-422/485 x1
Serial attached SCSI (SAS1.1)		SFF-8088 (mini-SAS 26-pin) x1	SFF-8088 (mini-SAS 26-pin) x1	SFF-8088 (mini-SAS 26-pin) x1
Analog Camera Input		optional via NSBK-A16 kit	optional via NSBK-A16 kit	x1 Multipin connector for 16 analog camera inputs. (adaptor for BNC connections supplied)
General				
Dimensions (WxHxD)		430 x 87 x 417 mm (17 x 3½ x 16½ inches)	430 x 87 x 417 mm (17 x 3½ x 16½ inches)	430 x 87 x 417 mm (17 x 3½ x 16½ inches)
Mass		Approx. 13.5 kg (29 lb 12 oz)	Approx. 12 kg (26 lb 7 oz)	Approx. 11.5 kg (25 lb 6 oz)
Power Requirements		100 V to 127/200 to 240 V AC (50/60Hz)	100 V to 127/200 to 240 V AC (50/60Hz)	100 V to 127/200 to 240 V AC (50/60Hz)
Power Consumption		265 W (typical)	185 W (typical)	175 W (typical)
Operating temperature		5 to 40°C (41 to 104°F)	5 to 40°C (41 to 104°F)	5 to 40°C (41 to 104°F)
Operating Humidity		10 to 80% (Max. wet-bulb temperature 30°C, non-condensing)	10 to 80% (Max. wet-bulb temperature 30°C, non-condensing)	10 to 80% (Max. wet-bulb temperature 30°C, non-condensing)
Supplied Accessories		Front panel key x 2, Rubber Feet x 4, Recovery CD x 1, Manual/Tool/Source Codes CD x 1	Front panel key x 2, Rubber Feet x 4, Recovery CD x 1, Manual/Tool/Source Codes CD x 1	Analog Camera Cable x 1, Front panel key x 2, Rubber Feet x 4, Recovery CD x 1, Manual/Tool/Source Codes CD x 1
Optional Accessories		NSBK-A16: Analog Encoder Kit NSR-RM1: Rack Mount Kit NSRE-S200: Expansion Storage Unit IP DESKTOP USB: IP Desktop USB Joystick	NSBK-A16: Analog Encoder Kit NSR-RM1: Rack Mount Kit NSRE-S200: Expansion Storage Unit IP DESKTOP USB: IP Desktop USB Joystick	NSR-RM1: Rack Mount Kit NSRE-S200: Expansion Storage Unit IP DESKTOP USB: IP Desktop USB Joystick

¹¹ Port #1 to #3 can be used as ordinary LAN ports. Port #4 cannot be used alone. Channel Bond is supported by #3 and #4.

¹² The D-sub 15-pin (Front) and D-sub 15-pin (Rear) Connectors cannot be used simultaneously.

Realshot™ Manager
Advanced Software



	IMZ-NS101	IMZ-NS104	IMZ-NS109	IMZ-NS116	IMZ-NS132
	RSM Advanced with 1 camera license	RSM Advanced with 4 camera licenses	RSM Advanced with 9 camera licenses	RSM Advanced with 16 camera licenses	RSM Advanced with 32 camera licenses
Number of Cameras Supported (IP/Analog Total)	1 camera	4 cameras	9 cameras	16 cameras	32 cameras
Video Compression	MPEG4 / JPEG	MPEG4 / JPEG	MPEG4 / JPEG	MPEG4 / JPEG	MPEG4 / JPEG
RSM Standard and Controller	Both	Both	Both	Both	Both
RSM Application installed as a service	Yes	Yes	Yes	Yes	Yes
PC Specifications					
CPU *Only INTEL CPU is supported	Intel Core2 Duo 2GHz or Higher	Intel Core2 Duo 2GHz or Higher	Intel Core2 Duo 2GHz or Higher (*Recommend Quad Core Xeon 355 x1)	Intel Quad Core Xeon 355 x2 2.66GHz or Higher	Intel Quad Core Xeon 355 x2 2.66GHz or Higher
Video Card	16/24-bit colour min. capable of supporting 1280x960 resolution	16/24-bit colour min. capable of supporting 1280x960 resolution	16/24-bit colour min. capable of supporting 1280x960 resolution	16/24-bit colour min. capable of supporting 1280x960 resolution	16/24-bit colour min. capable of supporting 1280x960 resolution
Memory	1GB Minimum	1GB Minimum	2GB Minimum	2GB Minimum	2GB Minimum
NIC	100 Base TX or Higher	100 Base TX or Higher	100 Base TX or Higher	100 Base TX or Higher	100 Base TX or Higher
Max. number of Megapixel cameras supported	1	4	4	4	4
Operating System	Windows Vista Business SP1, Windows Vista Enterprise SP1, Windows XP Pro SP3 (Except x64 edition), Windows Sever 2003 SP3	Windows Vista Business SP1, Windows Vista Enterprise SP1, Windows XP Pro SP3 (Except x64 edition), Windows Sever 2003 SP3	Windows Vista Business SP1, Windows Vista Enterprise SP1, Windows XP Pro SP3 (Except x64 edition), Windows Sever 2003 SP3	Windows Vista Business SP1, Windows Vista Enterprise SP1, Windows XP Pro SP3 (Except x64 edition), Windows Sever 2003 SP3	Windows Vista Business SP1, Windows Vista Enterprise SP1, Windows XP Pro SP3 (Except x64 edition), Windows Sever 2003 SP3
Features					
	<ul style="list-style-type: none"> • Open Platform • Support megapixel cameras • Quick Setup • Intuitive Graphical User Interface • File Export and Easy Playback 		<ul style="list-style-type: none"> • Flexible User Management • Remote Viewing by Controller Software • Supports DEPA™ Intelligent Video Analytics • Playback while monitoring live images • Light Funnel control 		<ul style="list-style-type: none"> • Camera PTZ control • Post VMD (Video Motion Detection) search • Manual, scheduled, alarm/event, and pre-alarm recording • Privacy zone masking • Audio recording, monitoring, and playback

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