

Migrate From Analog to IP Video Security With Sony's New line of High-performance Video Network Stations

Sony is pleased to introduce a full complement of encoders, ranging from 1CH/4CH box types to 4CH blade configurations with 1U/3U Rack Stations. For easy integration, these encoders are all ONVIF compliant. Plus, they can dual-stream JPEG/H.264, MPEG-4/H.264, or MPEG-4/JPEG video at full 30/25 fps and up to D1 resolution.

The SNT-EX/EP Series is the ideal choice in leveraging your existing investment in analog cameras, and migrating to an IP-based monitoring system – such as in education, transportation, factories, healthcare facilities, public venues, and airports.



FEATURES

- **Dual Stream:**
JPEG/H.264, MPEG-4/H.264, MPEG-4/JPEG at Full 30/25 fps D1 resolution (NTSC:720 x 480, PAL:720 x 576)
- **Local storage with USB**
SNT-EX104, SNT-EX101 only
- **IMD (Intelligent Motion Detection)**
SNT-EX101, SNT-EX104, and SNT-EX154 only
- **Tampering alarm**
SNT-EX101, SNT-EX104, and SNT-EX154 only
- **4 IP addresses available on SNT-EX104/EP104 and SNT-EX154/EP154**
- **ONVIF compliant**

Comparison (Encoders)

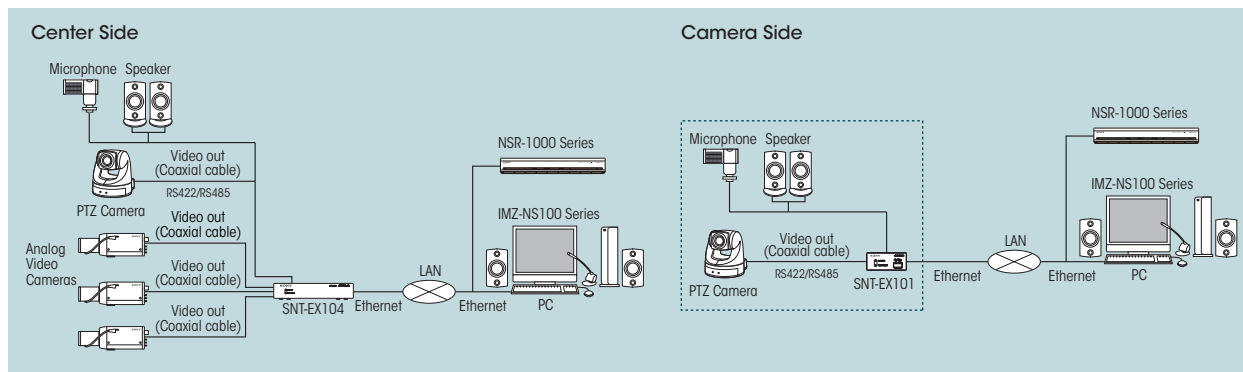
Type	Channels	Summary	Model	Differentiation			
				PTZ	Storage	IMD	Audio
Box	1CH	Full function	SNT-EX101	Yes	Yes	Yes	Yes
	4CH	Full function	SNT-EX104	Yes	Yes	Yes	Yes
Blade	4CH	Basic function	SNT-EP104	No	No	No	No
		Full function	SNT-EX154	Yes	No	Yes	Yes
		Basic function	SNT-EP154	No	No	No	No

Comparison (Rack Stations)

Model	Channels	Size	Dimensions (W x H x D)	Max. Number of Blades	Redundant Power
SNT-RS1U	16CH	1U	17 3/8 x 1 3/4 x 16 5/8 inches (440 x 44 x 422 mm) excluding protrusions	4	No
SNT-RS3U	48CH	3U	17 3/8 x 5 1/4 x 19 1/8 inches (440 x 132 x 483 mm) excluding protrusions	12	Yes*

*Option

SYSTEM CONFIGURATIONS



SNT-EX/EP Series

Video Network Station

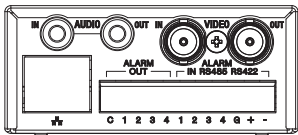
SNT-EX101
SNT-EX104/EP104
SNT-EX154/EP154

SPECIFICATIONS

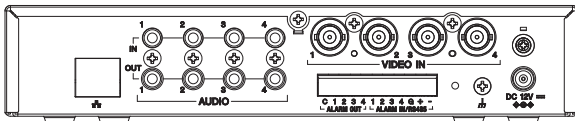
	SNT-EX101	SNT-EX104	SNT-EP104	SNT-EX154	SNT-EP154
Video input	1 (NTSC/PAL)	4 (NTSC/PAL)	4 (NTSC/PAL)	4 (NTSC/PAL)	4 (NTSC/PAL)
Active through out	Yes	No			
Termination dip-switch On/Off	No	Yes			
Number of IP address	x1	x4 (4 Mac)			
Network interface	1x 10/100T				
IP v6	Yes				
Video codec	H.264, MPEG-4, JPEG				
Resolution	D1 (NTSC: 720 x 480, PAL: 720 x 576), 4CIF (768 x 576), VGA (640 x 480), CIF (384 x 288), QVGA (320 x 240)				
Fps performance	30/25 fps at D1				
Stream performance	More than dual				
Protocol	TCP/IP, ARP, ICMP, HTTP, FTP (client server), SMTP, DHCP, DNS, NTP, RTP/RTCP, SNMP (MIB-2) (Tentative)				
Security (HTTPS)	Yes				
Multicast	Yes				
Stream Priority / QoS (ToS)	Yes				
Audio input	IN x1, OUT x1	IN x4, OUT x4	-	IN x1, OUT x1	-
Audio interface	Mini-jack	Mini-jack	-	Mini-jack	-
Number of audio (In/Out)	1	4	-	1	-
Audio level	Line/Mic	Line/Mic	-	Line/Mic	-
Audio codec	G.726/G.711	G.726/G.711	-	G.726/G.711	-
Audio function	Voice alert, Audio time stamp	Voice alert, Audio time stamp	-	Voice alert, Audio time stamp	-
Audio interface	Mono mini jack	Mono mini jack	-	Mono mini jack	-
Alarm Input/Output	IN x2, OUT x2	IN x4, OUT x4	-	IN x4, OUT x4	-
Serial connectors	RS-422/485	RS-485	-	RS-485	-
Coaxtron control	Yes	Yes	-	Yes	-
Intelligence	IMD, Tampering alarm	IMD, Tampering alarm	MD	IMD, Tampering alarm	MD
Constant bit rate algorism	Yes				
Internal memory for pre-alarm Rec	Yes				
External memory (USB interface)	x1	x4	-		
Power	AC24 V (In \pm 20%, Out) PoE (802.af)	DC12 V		From Rack Station	
Hot swappable	-			Yes	
Operating temperature	32 to 122 °F (0 to 50 °C)			32 to 113 °F (0 to 45 °C)	
Operating humidity	20 to 80%				
Dimensions (W x H x D)	Approx. 2 7/8 x 1 5/16 x 6 5/8 inches (73 x 33 x 167 mm) excluding protrusions	Approx. 8 3/8 x 1 3/4 x 10 3/8 inches (210 x 44 x 261 mm) excluding protrusions		Approx. 3 1/8 x 1 3/8 x 15 5/8 inches (78 x 34 x 395 mm) excluding protrusions	

REAR PANELS

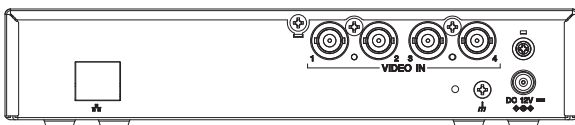
■ SNT-EX101



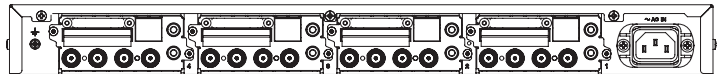
■ SNT-EX104



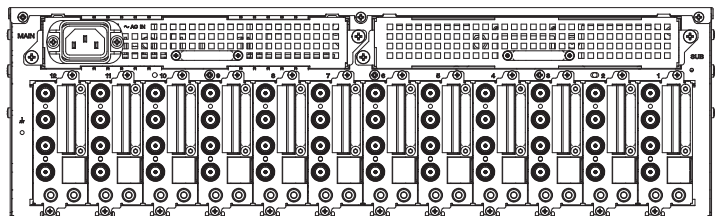
■ SNT-EP104



■ SNT-RS1U with SNT-EX154/EP154 (x4)



■ SNT-RS3U with SNT-EX154/EP154 (x12)



SONY

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