

Expandable hybrid solution



4CH-16CH Expandable Encoder

4CH Network Video Encoder (Blade Type) / Extension Rack

SPE-1600R/400B



The SPE-1600R is an expandable encoder rack for the SPE-400B 4 channel encoder blades. Each rack can hold up to 4 encoder blades allowing for a maximum of 16 Channels per rack. This system is a cost effective way to create the perfect hybrid solution utilizing existing analog cameras and putting them onto an IP network. These encoders allow each channel to transmit video real-time at 4CIF resolution and includes a multi-streaming feature giving the user a host of viewing and recording options. It's multiple codec (H.264, MPEG-4, MJPEG) function gives the system the flexibility to operate in any network environment.

- Max. 30(25)fps at 4CIF resolution
- H.264, MPEG-4, MJPEG multiple codec
- Multiple streaming simultaneously
- 10/100/1000BASE-T
- SPE-1600R : extension rack, 4 slots for SPE-400B
- ONVIF standard protocol support

4CH Network Video Encoder (Blade Type) / Extension Rack

SPE-400B/1600R

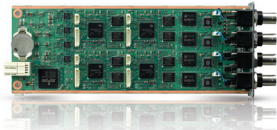
4CH

16CH

4CIF



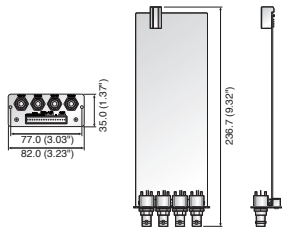
SPE-1600R



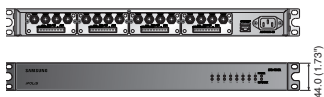
SPE-400B

Dimensions

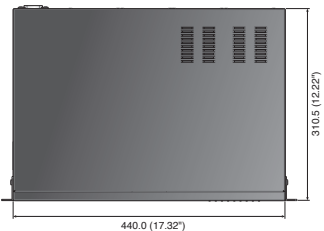
Unit : mm (inch)



SPE-400B



SPE-1600R



Specifications

	SPE-400BN	SPE-400BP
OPERATIONAL		
Video In	4 CVBS : 1.0 Vp-p / 75Ω composite, NTSC/PAL auto detection	
De-interlacing Filter	Built-in	
Event Trigger	Motion detection, Alarm input, Video loss	
Alarm I/O	Input 4ea / Output 4ea (Relay)	
Remote Control Interface	4ea RS-485 (Half duplex)	
RS-485 Protocol	Samsung-T/E, Pelco-P/D	
NETWORK		
Ethernet	RJ-45 (10/100/1000BASE-T)	
Video Compression Format	H.264, MPEG-4, MJPEG	
Resolution	704 x 480, 640 x 480, 352 x 240, 320 x 240	704 x 576, 640 x 480, 352 x 288, 320 x 240
Max. Framerate	30fps per channel	25fps per channel
Video Quality Adjustment	H.264, MPEG-4 : Compression level, Target bitrate level control MJPEG : Quality level control	
Bitrate Control Method	H.264, MPEG-4 : CBR or VBR, MJPEG : VBR	
Streaming Capability	Multiple streaming (Up to 10 profiles)	
IP	IPv4, IPv6	
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, PPPoE FTP, SMTP, ICMP, IGMP, SNMPV1/V2C/V3(MIB-2), ARP, DNS, DDNS, ONVIF	
Security	HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log	
Streaming Method	Unicast / Multicast	
Max. User Access	10 users at unicast mode	
ONVIF Conformance	Yes	
Web Viewer	Supported OS : Windows XP / VISTA / 7, MAC OS Supported Browser : Internet Explorer 6.0 or Higher, Firefox, Google Chrome, Apple Safari	
Central Management Software	NET-i viewer	
ENVIRONMENTAL		
Operating Temperature / Humidity	0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 80% RH	
ELECTRICAL		
Input Voltage / Current	5V DC	
Power Consumption	Max. 11W	
MECHANICAL		
Dimensions (WxHxD)	210.2 x 82.0 x 35.0mm (8.27" x 3.23" x 1.38")	
Weight	165.9g (0.37 lb)	
SPE-1600R		
CONNECTION		
Expansion Slots	4 Slots for SPE-400B	
Connector	RJ-45 (10/100/1000BASE-T)	
ENVIRONMENTAL		
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)	
Operating Humidity	20% ~ 80% RH	
ELECTRICAL		
Input Voltage	100 ~ 240V AC ±10%, 50/60Hz / 0.5A	
Power Consumption	Max. 50W (with SPE-400B x 4)	
MECHANICAL		
Color / Material	Black / Metal	
Dimensions (WxHxD)	478.0 x 310.5 x 44.0mm (18.82" x 12.22" x 1.73")	
Weight	3Kg (6.61 lb)	



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