

# The perfect hybrid solution



## 16 Channel Network Video Encoder Rack & 4 Channel Blades

# SPE-1600R/400B

The SPE-1600R is a 16 channel rack capable of housing up to 4 x SPE-400B ONVIF compliant blade network video encoders to deliver a fully scalable solution which enables users to place analogue cameras onto their IP network. This allows users to benefit from utilising existing analogue cameras across their system whilst benefitting from the advantages that an IP network brings, such as increased flexibility and infrastructure cost savings. SPE-400B blade network video encoders can be added one-by-one to the SPE-1600R and provides real-time 4-CIF image transmission. Multi-streaming is provided giving the user a host of viewing and recording options whilst multiple codec operation (H.264, MPEG-4, MJPEG) puts the user firmly in control of how images are transmitted.



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

# 16 Channel Network Video Encoder Rack & 4 Channel Blades

# SPE-1600R/400B

16CH

4CH

4CIF

## Specifications



SPE-1600R



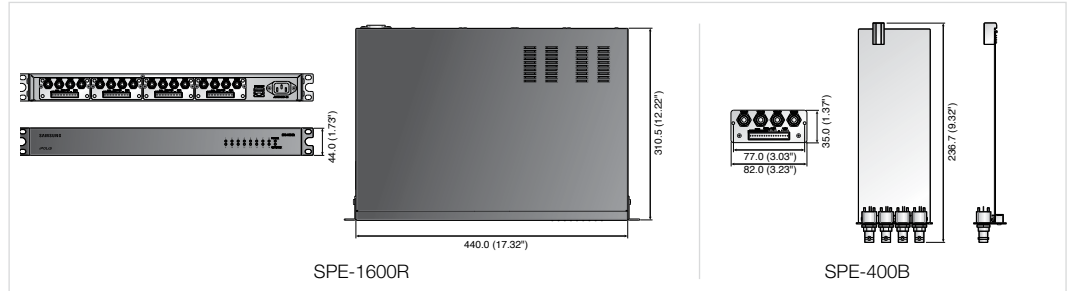
SPE-400B

SPE-1600R	
<b>CONNECTION</b>	
Expansion Slots	4 Slots for SPE-400B
Connector	RJ-45 (10/100/1000BASE-T)
<b>ENVIRONMENTAL</b>	
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)
Operating Humidity	20% ~ 80% RH
<b>ELECTRICAL</b>	
Input Voltage / Current	AC 100-240V~, 50/60Hz, 0.5A
Power Consumption	Max. 50W (with SPE-400B x 4)
<b>MECHANICAL</b>	
Color / Material	Black / Metal
Dimensions (WxHxD)	440.0 x 44.0 x 310.5mm (17.32" x 1.73" x 12.22")
Weight	3Kg (6.61 lb)

SPE-400BN		SPE-400BP	
<b>OPERATIONAL</b>			
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		
Remote Control Interface	4ea RS-485 (Half duplex)		
RS-485 Protocol	Samsung-T/E, Pelco-P/D		
<b>NETWORK</b>			
Ethernet	1000 BASE-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	H.264, MPEG-4 : Compression level, Target bitrate level control		
Adjustment	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		
<b>ENVIRONMENTAL</b>			
Operating Temperature / Humidity	0°C ~ +40°C (+32°F ~ +104°F) / 20% ~ 80% RH		
<b>ELECTRICAL</b>			
Input Voltage / Current	5V DC		
Power Consumption	Max. 11W		
<b>MECHANICAL</b>			
Color / Material	Black / Metal		
Dimensions (WxHxD)	82.0 x 35.0 x 236.7mm (3.23" x 1.38" x 9.32")		
Weight	165.9g (0.37 lb)		

## Dimensions

Unit : mm (inch)



The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

Design and specifications are subject to change without notice.



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