

# 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



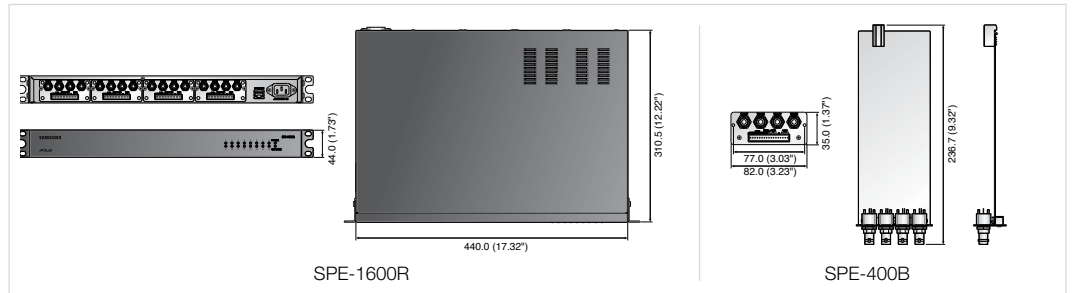
SPE-400B

| 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<br>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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