

# SPE-101/100



1CH Network Video Encoder

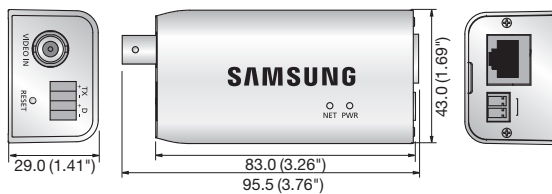


## Key Features

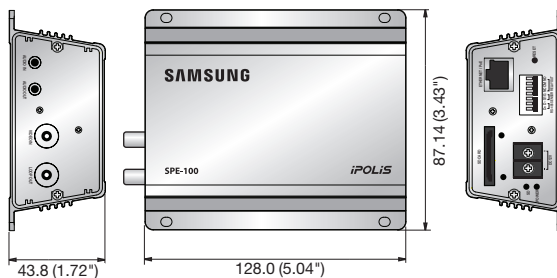
- Max. 30(25)fps at 4CIF resolution
- H.264, MPEG-4, MJPEG multiple codec
- Multiple streaming simultaneously
- 10/100BASE-T, PoE
- SD memory, Bi-directional audio support (SPE-100)

## Dimensions

Unit : mm (inch)



SPE-101



SPE-100

	SPE-101N/100N	SPE-101P/100P
<b>OPERATIONAL</b>		
Video In	CVBS : 1.0 Vp-p / 75Ω composite, NTSC/PAL auto detection	
Video Out	CVBS : 1.0 Vp-p / 75Ω composite, Loop-out : SPE-100	
De-interlacing Filter	Built-in	
Event Trigger	Motion detection, Video loss : SPE-101 Motion detection, Alarm input, Video loss : SPE-100	
Alarm I/O	Input 1ea / Output 1ea (Relay) : SPE-100	
Remote Control Interface	RS-422/485 : SPE-101, 1ea RS-485 (Half duplex) : SPE-100	
RS-485 Protocol	Samsung-T/E, Pelco-P/D, Panasonic, Honeywell, AD, Vicon, GE, Bosch, Sungjin : SPE-101 Samsung-T/E, Pelco-P/D : SPE-100	
<b>NETWORK</b>		
Ethernet	RJ-45 (10/100BASE-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	25fps
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)	
Audio I/O	1ea line in / 1ea line out : SPE-100	
Audio Compression Format	G.711 u-law : SPE-100	
Audio Communication	Bi-directional audio : SPE-100	
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	
Security	HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log 802.1x authentication : SPE-101	
Streaming Method	Unicast / Multicast	
Max. User Access	10 users at unicast mode	
Memory Slot	SD/SDHC memory slot : SPE-100	
ONVIF Conformance	Yes	
Web Viewer	Supported OS : Windows XP / VISTA / 7, MAC OS Supported Browser : Internet Explorer 7.0 or Higher, Firefox, Google Chrome, Apple Safari	
Central Management Software	SmartViewer	
<b>ENVIRONMENTAL</b>		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH	
<b>ELECTRICAL</b>		
Input Voltage / Current	12V DC, PoE (IEEE802.3af)	
Power Consumption	Max. 3.2W : SPE-101, Max. 4W : SPE-100	
<b>MECHANICAL</b>		
Color / Material	White / Mold, Silver / Press : SPE-101, Silver / Metal : SPE-100	
Dimensions (WxHxD)	95.5 x 29.0 x 43.0mm (3.76" x 1.41" x 1.69"), Connector included : SPE-101 128.0 x 43.8 x 87.14mm (5.04" x 1.72" x 3.43") : SPE-100	
Weight	115g (0.25 lb) : SPE-101, 391g (0.86 lb) : SPE-100	

\* The latest product information / specification can be found at [www.samsungsecurity.com](http://www.samsungsecurity.com)