

Encoding at the Edge of your Network



1CH H.264 Network Video Encoder

SPE-100

SPE-100 is a high performing video encoder that converts video from analog cameras on to IP network system leveraging existing cost-effective analog system creating a hybrid solution. Highly efficient H.264 compression technology and ONVIF standard compliant, SPE-100 is the perfect solution when there is a need for hybrid solution.

- Real-time 30(25)fps at high resolution(4CIF)
- Max.resolution : 704 x 480, 704 x 576(4CIF)
- H.264/MPEG-4/MJPEG triple codec
- Multiple streaming simultaneously
- Bi-directional audio, SD memory slot support
- ONVIF standard protocol support



1CH H.264 Network Video Encoder

SPE-100

1CH

H.264

4CIF

Bi-directional
Audio

PoE

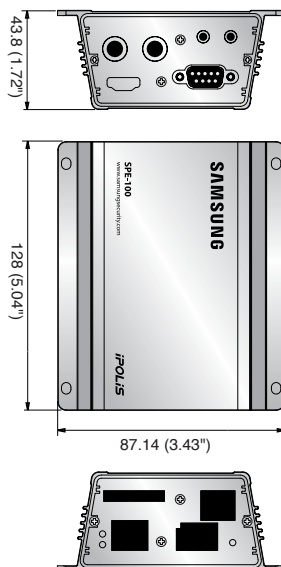


Specifications

	SPE-100N		SPE-100P	
OPERATIONAL				
Video In	CVBS : 1.0 Vp-p / 75Ω composite, NTSC/PAL Auto Detection			
Video Out	CVBS : 1.0 Vp-p / 75Ω composite, Loop-out			
De-interlacing Filter	Built-in			
Event Trigger	Motion Detection, Alarm Input, Video Loss			
Alarm I/O	Input 1ea / Output 1ea (Relay)			
Remote Control Interface	RS-485			
RS-485 Protocol	SAMSUNG T/E, PELCO-P/D			
NETWORK				
Ethernet	RJ-45 (10/100BASE-T)			
Video Compression Format	H.264, MPEG4, 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/MPEG4 : Compression Level, Target Bitrate Level Control MJPEG : Quality Level Control			
Bitrate Control Method	H.264/MPEG4 : CBR or VBR, MJPEG : VBR			
Streaming Capability	Multiple Streaming (Up to 10 Profiles)			
Audio I/O	Line in / Line out			
Audio Compression Format	G.711 u-law			
Audio Communication	2-Way			
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			
Streaming Method	Unicast / Multicast			
Max. User Access	10 users at Unicast Mode			
Memory Slot	SD / SDHC Memory Slot			
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	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH			
ELECTRICAL				
Input Voltage / Current	12V DC, PoE (IEEE802.3af)			
Power Consumption	Max. 4W			
MECHANICAL				
Color / Material	Silver / Metal			
Dimension (WxHxD)	87.14 x 43.8 x 128mm (3.43" x 1.72" x 5.04")			
Weight	391g (0.86 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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