

# Creating the perfect hybrid solution



## 4CH H.264 Network Video Encoder

# SPE-400

The SPE-400 is an ONVIF compliant 4-channel video encoder providing a cost effective and easy method of adding analog cameras to an IP network security system. This offers the perfect hybrid solution for users looking to upgrade their control, management and recording equipment to an IP platform, but take advantage of existing analog camera technology and cabling infrastructure. The SPE-400 enables images to be transmitted in real-time at 4CIF resolution and includes a multi-streaming feature giving the user a host of viewing and recording options.

- Max. 30(25)fps per channel at 4CIF resolution
- H.264 / MPEG-4 / MJPEG multiple codec
- Multiple streaming simultaneously
- SD memory, bi-directional audio support (CH1 only)
- ONVIF standard protocol support



# 4CH H.264 Network Video Encoder

# SPE-400



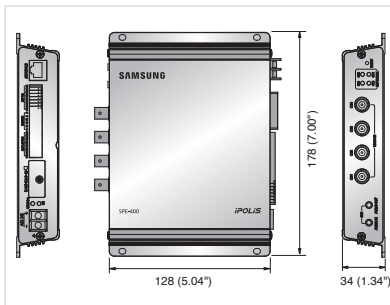
## Specifications



	SPE-400N	SPE-400P
<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 (Relay)	
Remote Control Interface	4ea RS-485 (Half duplex)	
RS-485 Protocol	Samsung-T/E, Pelco-P/D	
<b>NETWORK</b>		
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)	
Audio I/O	1ea line in / 1ea line out (CH1 only) (SPE-400)	
Audio Compression Format	G.711 u-law	
Audio Communication	Bi-directional audio	
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	
Memory Slot	SD/SDHC memory slot (CH1 only)	
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	12V DC	
Power Consumption	Max. 15W	
<b>MECHANICAL</b>		
Color / Material	Silver / Metal	
Dimensions (WxHxD)	128.0 x 34.0 x 178.0mm (5.04" x 1.34" x 7")	
Weight	562g (1.29 lb)	

## Dimensions

Unit : mm (inch)



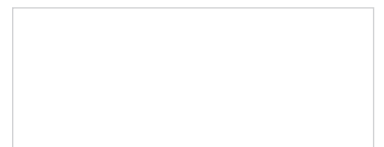
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