

# 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 to implement method of adding analogue cameras to an IP network based 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 analogue 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



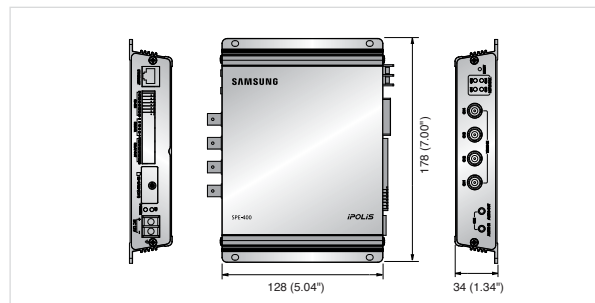
## Specifications



	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)	
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, 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	
Dimension (WxHxD)	178 x 34 x 128mm (7.00" x 1.34" x 5.04")	
Weight	562g(1.24 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.



### SAMSUNG TECHWIN CO., LTD.

701, Sampyeong-dong, Bundang-gu, Seongnam-si, Gyeonggi-do Korea 463-400  
Tel : +82-70-7147-8741~8749, 8752~8760 Fax : +82-31-8018-3745  
www.samsungsecurity.com www.samsungcctv.com

**SAMSUNG TECHWIN AMERICA INC.**  
1480 Charles Willard St. Carson, CA 90746, UNITED STATES  
Tel Free : +1-877-213-1222 Fax : +1-310-632-2195  
www.samsungcctvusa.com

**SAMSUNG TECHWIN EUROPE LTD.**  
Samsung House, 1000 Hillwood Drive, Hillwood Business Park  
Chertsey, Surrey, UNITED KINGDOM KT16 OPS  
Tel : +44-1932-45-5300 Fax : +44-1932-45-5325

**TIANJIN SAMSUNG TECHWIN OPTO-ELECTRONICS CO., LTD.**  
No.11 Wei 6 Street, Micro-Electronic Industrial Park  
Jingang Road, Tianjin, P.R. CHINA 300385  
Tel : +86-22-23887788 Fax : +86-22-23887788

■ DISTRIBUTED BY

