

# Encoding at the Edge of your Network



## 1CH H.264 Network Video Encoder

# SPE-101



The SPE-101 is a compact encoder that enables video from an analog camera to be transmitted over an IP network. This allows users to leverage cost savings by utilising existing analog cameras as they upgrade to an IP network based security solution. The SPE-101 utilises highly efficient H.264 compression technology and is ONVIF standard compliant for operation with third-party management platforms. What's more, the SPE-101 is fully compatible with Samsung's license-free Net-I Viewer software which is able to bring network and analog based devices together onto a single platform for the perfect 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 multiple codec
- Multiple streaming simultaneously
- ONVIF support

# 1CH H.264 Network Video Encoder

# SPE-101

1CH

H.264

4CIF

PoE



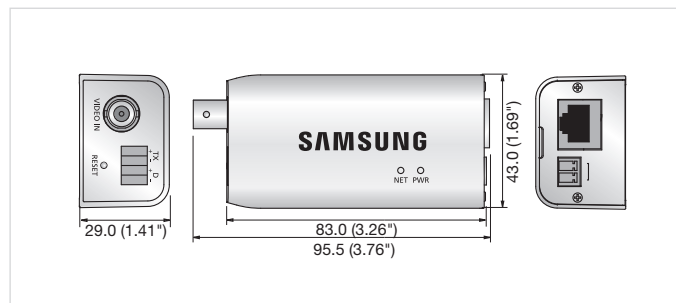
## Specifications



	SPE-101N	SPE-101P
<b>OPERATIONAL</b>		
Video In	CVBS : 1.0 Vp-p / 75Ω composite, NTSC/PAL auto detection	
De-interlacing Filter	Built-in	
Event Trigger	Motion detection, Video loss, Tampering, Network disconnection	
Remote Control Interface	RS-422/485	
RS-485 Protocol	Samsung-T/E, Pelco-P/D, Panasonic, Honeywell, AD, Vicon, GE, Bosch, Sungjin	
<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)	
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, QoS, UPnP	
Security	HTTPS(SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1x authentication	
Streaming Method	Unicast / Multicast	
Max. User Access	10 users at unicast mode	
ONVIF Conformance	Yes	
Web Viewer	Supported OS : Window XP / VISTA / 7, Mac OS X (10.7 or higher) Supported Browser : Internet Explorer (7.0 or higher), FireFox (9.0 or higher), Chrome (15.0 or higher), Safari (5.1 or higher)	
Central Management Software	SmartViewer 4.0, NET-i viewer	
<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	
<b>MECHANICAL</b>		
Color / Material	White / Mould, Silver / Press	
Dimensions (WxHxD)	95.5 x 29.0 x 43.0mm (3.76" x 1.41" x 1.69"), Connector included	
Weight	115g (0.25 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.

### ■ DISTRIBUTED BY

**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.**  
100 Challenger Rd, Suite 700 Ridgely Park, NJ 07660  
Toll Free : +1-877-213-1222 Direct : +1-201-325-6920  
Fax : +1-201-373-0124

**SAMSUNG TECHWIN EUROPE LTD.**  
2st floor No5, The Height, Brookland, Weybridge, Surrey, U.K.  
KT13 0NY  
Tel : +44-1932-82-6700 Fax : +44 1932 82 6701

**SHANGHAI SAMSUNG TECHWIN CO., LTD.**  
32F, Bk B, International Business Center,  
No. 391 Guiping Rd., Shanghai, China, 200233  
Tel : +86-21-5427-1155 Fax : +86-21-5423-5122



**SAMSUNG TECHWIN**