

SPE-1610

16CH Network Video Encoder

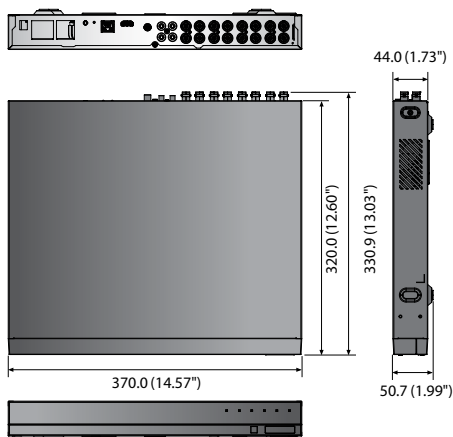


Key Features

- Max. 4MP resolution
- Max. 15fps@4MP, 30fps@1080p
- H.264, MJPEG codec support
- Multiple streaming (up to 3 profiles per CH)
- 10/100/1000 Base-T

Dimensions

Unit : mm (inch)



	SPE-1610N	SPE-1610P
VIDEO		
Input Channel	16CH BNC 1.0Vpp / 75Ω composite NTSC/PAL	
Input Signal & Resolution	CVBS, AHD (1, 2 & 4MP), CVI (1 & 2MP), TVI (1 & 2MP) Auto / Manual detection	
Video Out	1 HDMI OUT (16 multi Image, 1920x1080)	
OPERATIONAL		
Motion Detection	Off / On	
Privacy Masking	Off / On (4ea rectangular zones)	
De-Interlacing	Support	
Alarm I/O	16 Input / 4 Output	
Alarm Trigger	Motion detection, Alarm input, Video loss, Tampering, Network disconnect	
Alarm Events	File Upload Via FTP, E-mail	
Remote Control Interface	1ea RS-485 (Half duplex)	
RS-485 Protocol	SAMSUNG-T, PELCO-P/D	
Coaxial Control	NTSC/PAL : Pelco-C (Coaxitron), AHD : ACP (AHD Coax protocol)	
NETWORK		
Ethernet	1 RJ-45 (10/100/1000 BASE-T)	
Video Compression Format	H.264 (MPEG-4 Part 10/AVC) : Main / Baseline / High, MJPEG	
Resolution	4M, 1920 x 1080, 1280 x 720, 928 x 480, 928 x 240, 704 x 480, 704 x 240, 640x360, 352 x 240	4M, 1920 x 1080, 1280 x 720, 928 x 576, 928 x 288, 704 x 576, 704 x 288, 640x360, 352 x 288
Max. Framerate	- Main Stream 4MP : 15fps/CH, 1080p/720p/ WD1/4CIF/CIF : 30fps/CH - Sub Stream WD1/4CIF : 12fps/CH, 2CIF/CIF/ QVGA/QCIF : 30fps/CH - MJPEG : 2fps @1920 x 1080, 1280 x 720, 960H, D1	- Main Stream 4MP : 15fps/CH, 1080p/720p/ WD1/4CIF/CIF : 25fps/CH - Sub Stream WD1/4CIF : 12fps/CH, 2CIF/CIF/ QVGA/QCIF : 25fps/CH - MJPEG : 2fps @1920 x 1080, 1280 x 720, 960H, D1
Bitrate Control Method	H.264 : CBR or VBR, MJPEG : CBR	
Streaming Capability	Multiple streaming (Up to 3 Profiles per channel), , 2 H.264 + 1 MJPEG	
Audio I/O	4 Line Input / 1 Line Output	
Audio Compression Format	G.711 u-law	
IP	IPv4, IPv6	
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP,RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, PPPoE, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, UPnP, ONVIF, Bonjour	
Security	HTTPS (SSL) login authentication, Digest login authentication IP address filtering, User access log, 802.1X authentication (EAP-TLS, EAP-LEAP)	
Streaming Method	Unicast / Multicast	
Max. User Access	10 users at Unicast Mode	
Webpage Languages	English, French, German, Spanish, Italian, Russian, Turkish, Polish, Dutch, Swedish, Portuguese, Czech, Chinese, Japanese, Korean, Hungarian, Greek	
Web Viewer	Supported OS : Windows 7, 8, 10, Mac OS X 10.10, 10.11, 10.12 - Non-plugin WebViewer Supported Browser : Google Chrome 54, MS Edge 38, IE11, Mozilla Firefox 49 (Windows 64bit only), Apple Safari 9 (Mac OS X only)	
Application Programming Interface	ONVIF profile S, SUNAPI (HTTP API)	
Compatible Software & Recorder	Smart viewer, SSM, Wisenet mobile viewer, Wisenet NVR (P/X/Q series)	
ENVIRONMENTAL		
Operating Temperature / Humidity	-10°C ~ +50°C (+14°F ~ +122°F) / 20% ~ 80% RH	
ELECTRICAL		
Input Voltage / Current	12V DC	
Power Consumption	Max. 24W (12V, 2A)	
MECHANICAL		
Color / Material	Black / Metal	
Dimensions (WxHxD)	370.0 x 50.7 x 320.0mm (14.57" x 1.99" x 12.60")	
Weight	2.25kg (4.96 lb)	

* The alarm feature of SSM or NVR (connected to encoder) is in preparation.
 * We will announce through our web site when it is available. Please find more information at hanwha-security.eu
 * Design and specifications are subject to change without notice.
 * Wisenet is the proprietary brand of Hanwha Techwin.