



SPE-1620

16CH Video Encoder



Key Features

- Max. 2MP resolution
- Max. 15fps@2MP, 30fps@720p
- H.265, H.264, MJPEG codec support
- Multiple streaming (up to 2 profiles per CH)
- 1 RJ-45 10/100/1000 Base-T

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Specifications

Video	
Input Channel	16CH BNC, 1.0 Vp-p / 75Ω composite NTSC/PAL
Input Signal & Resolution	CVBS, AHD/CVI/TVI (1MP & 2MP) Auto 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
Audio I/O	4 Line Input / 1 Line Output(1 NO/COM/NC, 3 NO/COM)
OSD	Title
Remote Control Interface	1ea RS-485(Half Duplex)
RS-485 Protocol	SAMSUNG-T, PELCO-P/D
Coaxial Control	CVBS(Pelco-C) AHD, TVI, CVI
Network	
Ethernet	1 RJ-45 10/100/1000 Base-T
Video Compression Format	H.265, H.264 (MPEG-4 Part 10/AVC) : Main / Baseline / High, MJPEG
Resolution	1920x1080, 1280x720, 928x480(N), 928x240(N), 704x480(N), 704x240(N), 640x360, 352x240(N) 928x576(P), 928x288(P), 704x576(P), 704x288(P), 640x360, 352x288(P)
Max. Framerate	- Main/Sub Stream · 1080P Input 1080p/720p/WD1/4CIF/CIF : 15fps/CH(N), 12fps/CH(P) · 720P Input 720p/WD1/4CIF/CIF : 30fps/CH(N), 25fps/CH(P) · SD Input 928x480(576)/704x480(576)/928x240(288)/704x240(288)/480x240(288)/352x240(288) : 30fps/CH(N), 25fps/CH(P) - MJPEG : 2fps · 720P or above Input 640x360/352x240(288) · SD Input 480x240(288)/352x240(288) - Max. Framerate · 1080P Input 1920x1080 15fps + 640x360 15fps · 720P Input 1280x720 30fps + 640x360 30fps · SD Input 928x480 30fps + 480x240 30fps ※ Max. Framerate can be dropped to 3fps in the 640x360 stream when using Main/Sub Stream simultaneously

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com

Hanwha Vision is formerly known as Hanwha Techwin.

Bitrate Control Method	H.265, H.264 : CBR or VBR
Streaming Capability	Multiple Streaming (Up to 2 Profiles per channel)
Audio Compression	G.711 u-law
IP	IPv4, IPv6
Protocol	TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTCP, RTSP, NTP, HTTP, HTTPS, SSL/TLS, DHCP, 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	rtp/rtsp max. 48 users(4 Users/CH) at Unicast Mode , http max.32 users
Webpage Languages	English, French, German, Spanish, Italian, Russian, Turkish, Polish, Dutch, Swedish, Portuguese, Czech, Chinese, Japanese, Korean, Hungarian, Greek
Web Viewer	Supported OS : Windows 10 or later, Mac OS X 10.13 or later Non-plugin WebViewer Supported Browser : Google Chrome 80 or later,, MS Edge 83 or later, Mozilla Firefox 72 or later, Apple Safari 11.0.1 or later
Application Programming Interface	ONVIF profile S, SUNAPI (HTTP API)
Compatible Software & Recoder	SmartViewer, NVR(Hanwha Techwin, P/X/Q/L series)

Environmental

Operating Temperature / Humidity	-10°C ~ +45°C / 20% ~ 80% RH (-10°C ~ +40°C when installed in RACK)
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Electrical

Input Voltage / Current	DC12V/5A
Power Consumption	MAX : 16W (12V, 1.33A)

Mechanical

Color / Material	Black / Metal
Dimension (WxHxD)	(W) 370.0 × (H) 44.0 x (D) 320.0(include Connector 330.9)mm
Weight	2.32kg(5.12lb)