

SPE-420

4CH Video Encoder

Key Features

- Maximum resolution: 5MP
- Maximum frame rate: 12fps@5MP
- H.265, H.264, MJPEG codec support
- Multiple streaming (up to 2 profiles per CH)
- 1 RJ-45 10/100 Base-T

Design and specifications are subject to change without notice. The latest product information / specification can be found at HanwhaVision.com
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4CH Video Encoder



Specifications

Video

Input Channel	4CH BNC, 1.0 Vp-p / 75Ω composite NTSC/PAL
Input Signal & Resolution	CVBS, AHD/CVI/TVI (1, 2, 4, 5MP) Auto Detection
Video Out	1 HDMI OUT (4 multi Image, 1920x1080)

Operational

Motion Detection	Off / On
Privacy Masking	Off / On (4ea rectangular zones)
De-Interlacing	Support
Alarm I/O	4 Input / 2 Output(1 NO/COM/NC, 1 NO/COM)
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
OSD	Title, Date(Y/M/D), Time(H/M)
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 Base-T
Video Compression Format	H.265, H.264 (MPEG-4 Part 10/AVC) : Main / Baseline / High, MJPEG
Resolution	2560x1920, 2560x1440, 1920x1080, 1280x720, 928x480(N), 928x240(N), 704x480(N), 704x240(N), 640x368, 352x240(N) 928x576(P), 928*288(P), 704x576(P), 704x288(P), 640x368, 352x288(P)
Max. Framerate	- Main Stream 5MP : 12fps/CH, 4MP : 15fps/CH, 1080p/720p/WD1/4CIF/CIF : 30fps/CH(N), 25fps/CH(P) - Sub Stream WD1/4CIF : 30fps/CH, 2CIF/CIF/QVGA/QCIF : 30fps/CH(N),25fps/CH(P), - MJPEG : 1fps @ 640x368,352x240, SD Camera : 2fps @ 480x240,352x240 * Enabling Time Display function in the OSD menu may cause up to 50 percent frame drop of the original setting.
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

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Network

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	max. 16 users(4 Users/CH) at Unicast Mode
Webpage Language	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,Windows 7,8,10,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)
Compatabile Software & Recorder	SmartViewer, SSM, NVR(Hanwha Techwin, P/X/Q/L series)

Environmental

Operating Temperature / Humidity	0°C ~ +50°C / 20% ~ 80% RH

Electrical

Input Voltage / Current	DC12V, PoE(IEEE 802.3af)
Power Consumption	MAX : 5W (12V, 0.417A)

Mechanical

Color/Metal	Dark Gray / Metal
Dimension(WxHxD)	178.0 × 34.0 × 127.8(include Connector 148.7)mm
Weight	520g(1.15lb)

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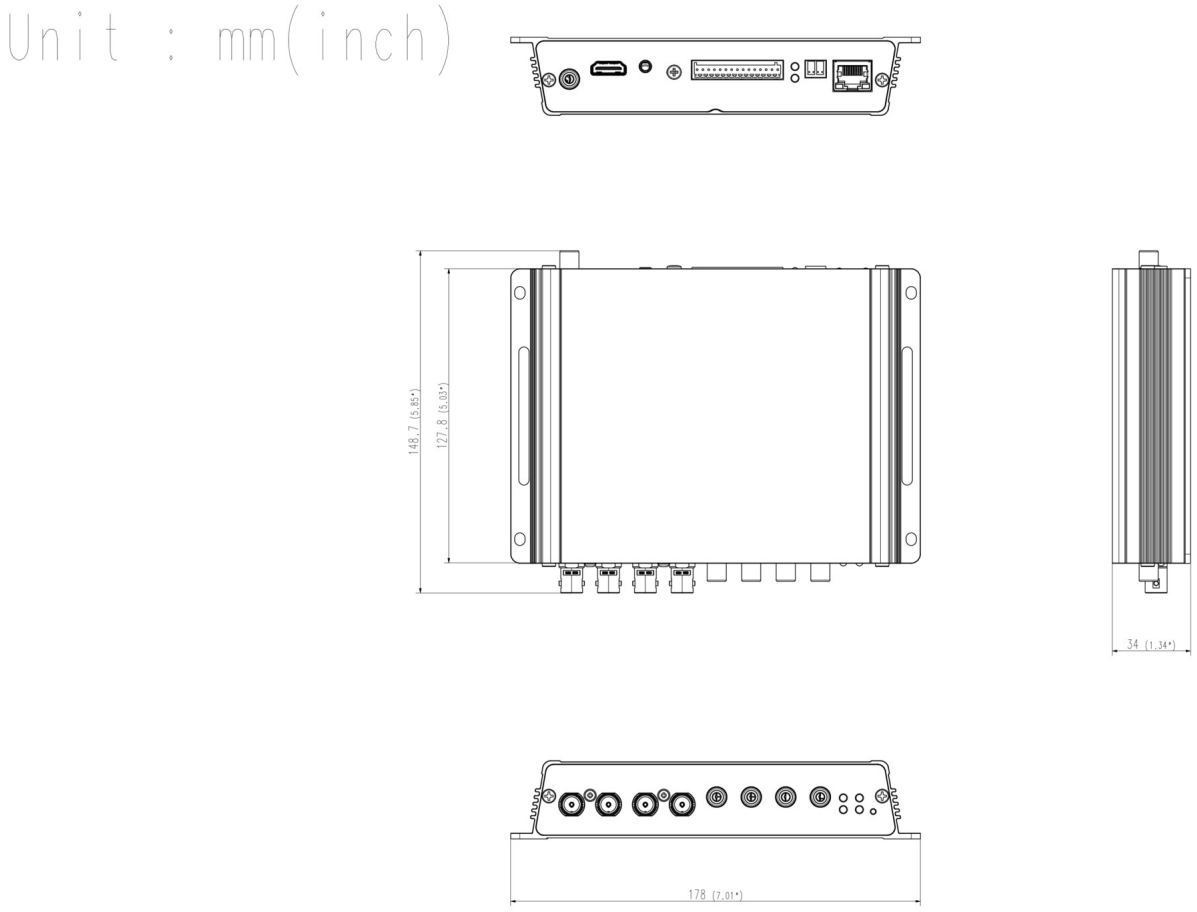
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CAD

Unit: mm [inch]



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