



# **SPE-420**

4CH Video Encoder











**Key Features** 

• Maximum resolution: 5MP

• Maximum frame rate: 12fps@5MP

• H.265, H.264, MJPEG codec support

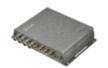
• Multiple streaming (up to 2 profiles per CH)

• 1 RJ-45 10/100 Base-T



## **SPE-420**

#### 4CH Video Encoder







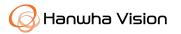
### **Specifications**

Video	
Input Channel	4CH BNC, $1.0\text{Vp-p}$ / $75\Omega$ 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: 2fps @ 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
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)

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.



Unicast / Multicast
max. 16 users(4 Users/CH) at Unicast Mode
English, French, German, Spanish, Italian, Russian, Turkish, Polish, Dutch, Swedish, Portuguese, Czech, Chinese, Japanese, Korean, Hungarian, Greek
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
ONVIF profile S, SUNAPI (HTTP API)
SmartViewer, SSM, NVR(Hanwha Techwin, P/X/Q/L series)
0°C ~ +50°C / 20% ~ 80% RH
DC12V, PoE(IEEE 802.3af)
MAX : 5W (12V, 0.417A)
Dark Gray / Metal
(W) 178.0 $\times$ (H) 34.0 $\times$ (D)127.8(include Connector 148.7)mm
520g(1.15lb)



### **SPE-420**

4CH Video Encoder







CAD Unit:mm [inch]

Unit : mm(inch)



