

# 4-Port H.264 Analog Video Encoder with Audio Support



Avigilon's end-to-end surveillance solutions deliver image detail no other system can match. Avigilon Control Center software, featuring High-Definition Stream Management™ (HDSM™) technology combined with our broad range of megapixel cameras (from 1 MP to 29 MP) provide unprecedented clarity—while effectively managing storage and bandwidth requirements. Our components are scalable and can work together in an end-to-end system, or can be customized to create your own powerful and cost-effective solution.

The innovative H.264 analog video encoder is just one way Avigilon can help provide the very best monitoring and protection.



Avigilon analog video encoders minimize bandwidth and storage requirements while capturing high-quality surveillance footage (in full resolution of up to 30 images per second per analog camera) for greater coverage and enhanced overall protection.

Using standard network equipment, the analog video encoder seamlessly integrates with Avigilon Control Center and NVRs to create a network-based surveillance solution with unmatched performance, ease of use, and ease of installation. Plus they also feature 3D motion-adaptive de-interlacing for sharper, more accurate video.

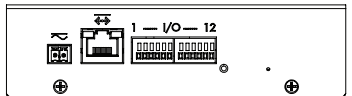
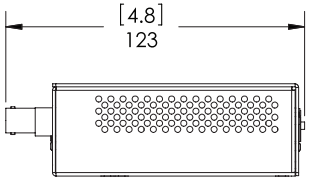
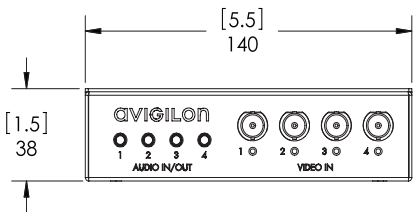
## KEY FEATURES

- 4 video channels
- Max resolution 720 x 480 (NTSC) or 720 x 576 (PAL)
- 30 images per second from each port
- H.264 and Motion JPEG compression
- ONVIF compliant API
- Motion adaptive 3D deinterlacing
- Support for PTZ and dome cameras via RS-485 interface
- Up to 4 privacy zones available per channel
- 4 audio input channels
- 4 audio output channels
- External I/O terminals
- Power over Ethernet, 24 VAC or 12 VDC power input
- Automatically connects to Avigilon Control Center NVMS
- Rack mount kit allows 3 encoders in 1U of rack space

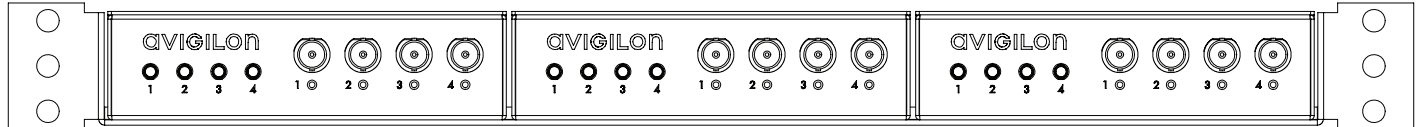
# Specifications

<b>ENCODER</b>	Video Channels	4	
	Video Standard	NTSC; PAL	
	Video Format	Composite Video 1.0 Vpp with 75 Ohm selectable termination	
	Video Input	BNC connection	
	Max Resolution (per channel)	720 (H) x 480 (V) NTSC; 720 (H) x 576 (V) PAL	
	Image Rate (per channel)	30 NTSC at max. resolution; 25 PAL	
	Image Compression Method	H.264 (MPEG-4 Part 10/AVC); Motion JPEG	
	Motion Detection	Selectable sensitivity and threshold	
	Privacy Zones (per channel)	Up to 4 zones	
	Audio Input Channels	4	
	Audio Output Channels	4	
	Audio Compression Method	G.711 PCM 8kHz	
	Audio Input/Output	Line input/output, I/O mini-jack (3.5 mm)	
	PTZ Control	RS-485 interface	
	PTZ Protocols	American Dynamics Sensormatic, AXSYS, AXSYS DCU, Ernitech ERNA, Honeywell Diamond, Kalatel ASCII, Pelco D, Pelco P, TEB Ligne, Vicon extended, Vicon normal, Videotec Legacy, Videotec MACRO	
	External I/O Terminals	4 Alarm In, 4 Alarm Out	
	<b>NETWORK</b>	Network	100BASE-TX
		Cabling Type	CAT5
		Connector	RJ-45
API		ONVIF compliant (www.onvif.org)	
Security		Password protection, HTTPS encryption, digest authentication, WS authentication, user access log.	
Protocol		IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTP, TCP, UDP, IGMP, ICMP, DHCP, Zeroconf, ARP	
Streaming Protocols		RTP/UDP, RTP/UDP multicast, RTP/RTSP/TCP, RTP/RTSP/HTTP/TCP, RTP/RTSP/HTTPS/TCP, HTTP	
<b>MECHANICAL</b>	Dimensions (LxWxH)	140 mm x 122 mm x 44 mm (5.5" x 4.8" x 1.7")	
	Weight	0.62 kg (1.4 lbs)	
<b>ELECTRICAL</b>	Power Source	VDC: 12 V VAC: 24 V PoE: IEEE802.3af Class 3 compliant	
	Power Consumption	8 W	
	Power Connector	2-pin terminal block	
<b>ENVIRONMENTAL</b>	Operating Temperature	12 VDC: -10°C to 48°C (14°F to 118°F); 24 VAC or POE: -10°C to 50°C (14°F to 122°F)	
	Storage Temperature	-10 °C to 70 °C (14 °F to 158 °F)	
	Humidity	20 - 80% Relative humidity (non-condensing)	
<b>CERTIFICATIONS</b>	Safety	UL 60950 CSA 60950 EN 60950-1	CE ROHS WEEE
	Electromagnetic Emissions	FCC Part 15 Subpart B Class A IC ICES-003 Class A EN 55022 Class A	
	Electromagnetic Immunity	EN 55024 Class A EN 61000-4-2 EN 61000-4-3 EN 61000-4-4	EN 61000-4-5 EN 61000-4-6 EN 61000-4-11
<b>ORDERING INFORMATION</b>	ENC-4P-H264	4-Port H.264 Video Encoder with 4 Audio Inputs and 4 Audio Outputs	
	ENC-BRK1U	1U EIA (19") Rack Mountable Bracket for 3 ENC-4P-H264	

# Outline Dimensions



[X.X]	INCHES
X	MM



ENC-BRK1U