

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

Avigilon offers a broad range of high definition cameras – from 1 – 5 MP and 4 – 7K (based on horizontal resolution) – and are available in a variety of formats, including dome, panoramic and fixed. Whether it’s a small storefront that requires a few cameras or a large complex system requiring complete coverage of numerous areas, you can trust that you’re getting an exceptional solution for your security needs.

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 the Avigilon Control Center system, Avigilon Blue cloud platform, 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.

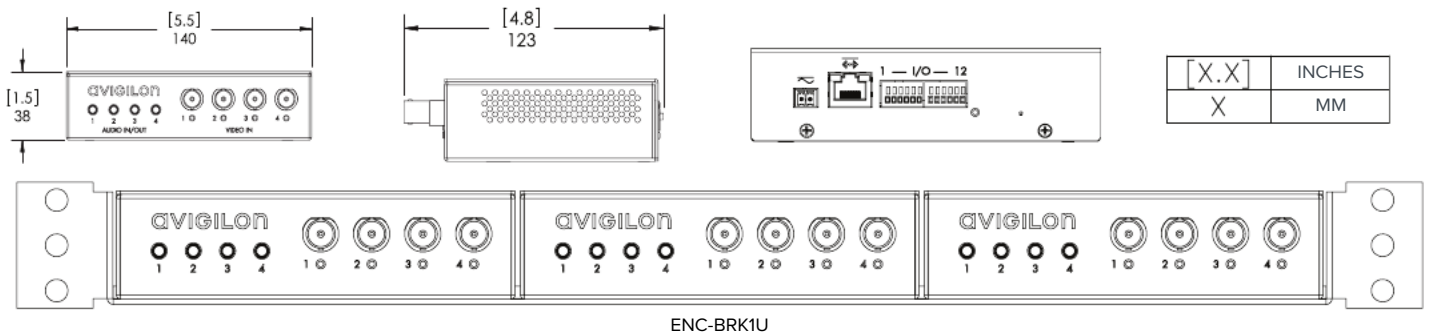
KEY FEATURES

| |
|---|
| 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 and Avigilon Blue cloud platform |
| Rack mount kit allows 3 encoders in 1U of rack space |

Specifications

| | | | | | | | | | | |
|-----------------------|------------------------------|---|--|---------------------|------------------|-------|--------------|--------------|--------------|-------|
| ENCODER | 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, Ernitec 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 | | | | | | | | |
| | NETWORK | Network | 100BASE-TX | | | | | | | |
| Cabling Type | | CAT5 | | | | | | | | |
| Connector | | RJ-45 | | | | | | | | |
| API | | ONVIF compliance version 1.02, 2.00 (www.onvif.org) | | | | | | | | |
| Security | | Password protection, HTTPS encryption, digest authentication, WS authentication, user access log, 802.1x port based authentication. | | | | | | | | |
| Protocol | | IPv6, IPv4, HTTP, HTTPS, SOAP, DNS, NTP, RTSP, RTCP, 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 | | | | | | | | |
| MECHANICAL | | Dimensions (LxWxH) | 140 mm x 123 mm x 38 mm (5.5" x 4.8" x 1.5") | | | | | | | |
| | Weight | 0.62 kg (1.4 lbs) | | | | | | | | |
| ELECTRICAL | Power Source | VDC: 12 V VAC: 24 V PoE: IEEE802.3af Class 3 compliant | | | | | | | | |
| | Power Consumption | 8 W | | | | | | | | |
| | Power Connector | 2-pin terminal block | | | | | | | | |
| ENVIRONMENTAL | 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) | | | | | | | | |
| CERTIFICATIONS | Certifications/Directives | UL | cUL | CE | ROHS | WEEE | RCM | KC | EAC | |
| | Safety | UL 60950-1 | | CSA 60950-1 | IEC/EN 60950-1 | | | | | |
| | Electromagnetic Emissions | FCC Part 15 Subpart B Class B | | IC ICES-003 Class B | EN 55032 Class B | | EN 61000-6-3 | EN 61000-3-2 | EN 61000-3-3 | KN 22 |
| | Electromagnetic Immunity | EN 55035 | | EN 61000-6-1 | | KN 24 | | | | |

Outline Dimensions



Ordering Information

| | |
|-------------|--|
| 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 |