

Kollector Strike Encoder

16-Channels of H.264, MPEG-4 or M-JPEG



The Perfect Solution for Hybrid Systems

The Kollector Strike Network Encoder is a 16-channel digital video server that converts analog camera inputs into streamed IP video data. This embedded device is specifically designed to integrate into the ViconNet Video Management System (VMS). The tight integration into ViconNet provides advanced features, such as museum search, dynamic load balancing and automatic detection in the ViconNet VMS. It offers full support of NTSC/EIA and PAL/CCIR video cameras.

Easy to Install and Configure

The Kollector Strike Encoder is easily configured using its graphical user interface. In addition, the server supports full PTZ control, alarm reporting, picture quality configuration, external sensors, macros, and alarm configuration. The Kollector Strike Encoder can be rack mounted in a standard 19-inch rack.

- Ideal solution for creating hybrid analog/IP systems using analog cameras with IP Video Management Systems
- Up to 16 analog camera video inputs and 4 microphone inputs
- Scalable - Use several units for multiple cameras
- H.264, MPEG-4 and M-JPEG compression
- Maximum video system transmission rate up to 30 fps (25 fps PAL) per camera at 4 CIF or D1 resolution 720 x 480 pixels (720 x 576 PAL)*
- 4 alarm inputs, 4 relay outputs and 4-line level microphone inputs
- Solid state O.S. drive

* Model dependant.

Ordering Information

Description	Model Number
16-channel encoder; 240 fps (ViconNet MPEG-4; 120 fps with H.264 compression)	KS2-ENCODER
16-channel encoder; 480 fps (ViconNet MPEG-4; 240 fps with H.264 compression)	KS3-ENCODER

Video Specifications

Video Channels:	16.
Video Formats Supported:	NTSC/EIA and PAL/CCIR.
Video Compression:	H.264; Motion JPEG; MPEG-4.
Video Transmission Rate (to be recorded by ViconNet NVR):	16 simultaneous channels, 240 or 480 frames per second (120 or 240 fps with H.264 compression), max;
Resolutions:	30 fps per channel max. NTSC: HCIF, CIF, 2 CIF, 4 CIF (352x120 - 720x480); PAL: HCIF, CIF, 2 CIF, 4 CIF (352x144 - 720x576).
Frame Rate:	Up to 30/25 fps (NTSC/PAL) per camera at full resolution*, model dependant.
Alarms:	4 dry contact, N.O./N.C. inputs; 4 relay control outputs. Terminal block
Audio:	4 line-level microphone/speaker inputs. Terminal block.
PTZ Control:	TX output terminal block.

* For high-resolution, high-activity video, there may be a drop off in overall frame rate.

Mechanical Specifications

Application:	Indoor.
Mounting:	Rack mounting in standard 19-in. rack.
Dimensions:	Height (H): 1.75 in. (44.5 mm); 1 RU. Width (W): 19 in. (483 mm). Depth (D): 16.0 in. (406.4 mm), including connectors.
Weight:	Approximately 17 lb (7.7 kg).
Construction:	Steel case and hardware.

Electrical Specifications

Input Voltage:	120-230 VAC, $\pm 10\%$, 50/60 Hz.
Current:	2.3 A @ 115 VAC; 1.1 A @ 230 VAC.
Power Consumption:	265 W.
Heat Output:	928 btu/hour.
CPU:	Intel® Core™ i3-540.
Memory:	2 GB.
OS Drive:	64 GB SSD.
Indicators and Connectors:	Power/HDD: Blue/Red LEDs. Power Connector: standard 3-conductor female socket. Network: RJ-45 jack, 100/1000 Mbps. Keyboard: USB. Mouse: USB. USB: 6 (2 front, 4 rear) . Alarm In: 5-pin terminal block with 4 N.O./N.C. sensor contacts. Relay Control: 5-pin terminal block for use with external relay device. Analog Video In: 16 BNC-F connectors. PTZ: 5-pin terminal block for transmit and receive (COM 4); Rx not currently available. Audio: 6-pin terminal block for microphones and speakers (output not currently used).
Certifications:	UL; CE; FCC, Class A.

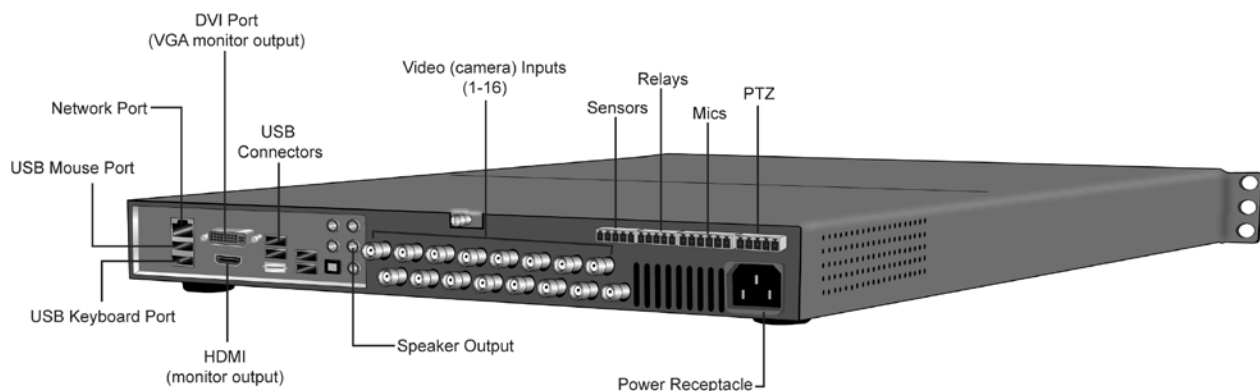
Environmental Specifications

Operating Temperature:	32° to 104°F (0° to 40°C).
Humidity:	Up to 90% relative, non-condensing.

Warranty

3 years parts and labor.

Rear Panel Connections



Data Sheet Number: V241-02
Dated: 11/2012

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Specifications subject to change without notice.

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