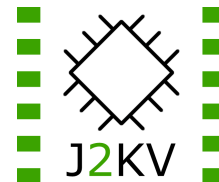


J2KV Network Video Encoder



CVE-XX

COMPOSITE VIDEO ENCODER, 4 TO 40 CHANNELS

J2K Video's composite video encoders are configurable rack mountable units, built using up to 10 individual 4-channel network video encoder cards, each card includes 4 audio input channels providing up to 40 video and audio channels in a single unit.

Capable of encoding all channels simultaneously at full D1 resolution (720 x 576 for PAL) at 25/30 fps (PAL/NTSC) Used in combination with the **SharpView SVR-11D** network video recorder, these units provide an ideal solution for the recording and long term archiving of audio and video inputs.

Built into tough aluminium 19-inch rack mountable chassis, forced air cooling and dual redundant power supplies are fitted as standard on the 4U chassis. Supplied using 4-channel encoder cards, fit up to 3 cards in the 1U high chassis for a 12-channel encoder unit or 10 cards in the 4U high chassis for 40-channel unit. Each 4-channel card can be used as 2-input with 2-loop through outputs.

The flexibility in the design allows users to choose different compression settings for each input without compromising basic performance. Select either MPEG-4, M-JPEG or MPEG-2. Video from any industry standard composite video camera can be recorded including Bosch, Ganz, JVC, Panasonic, Pelco, Samsung, Sony. Video streams are encrypted using 128-bit Advanced Encryption Standard (AES).

Unicast and Multicast streaming is provided where different resolution or bit rates are required.

Digital I/O and serial interface provide a link to external devices, for PTZ control or POS integration. USB 2.0 interface provided for local storage or network storage via Fast Ethernet connection.



Record onto J2KV's SharpView Network Video Recorder SVR-11D or local USB hard disk drive (below)



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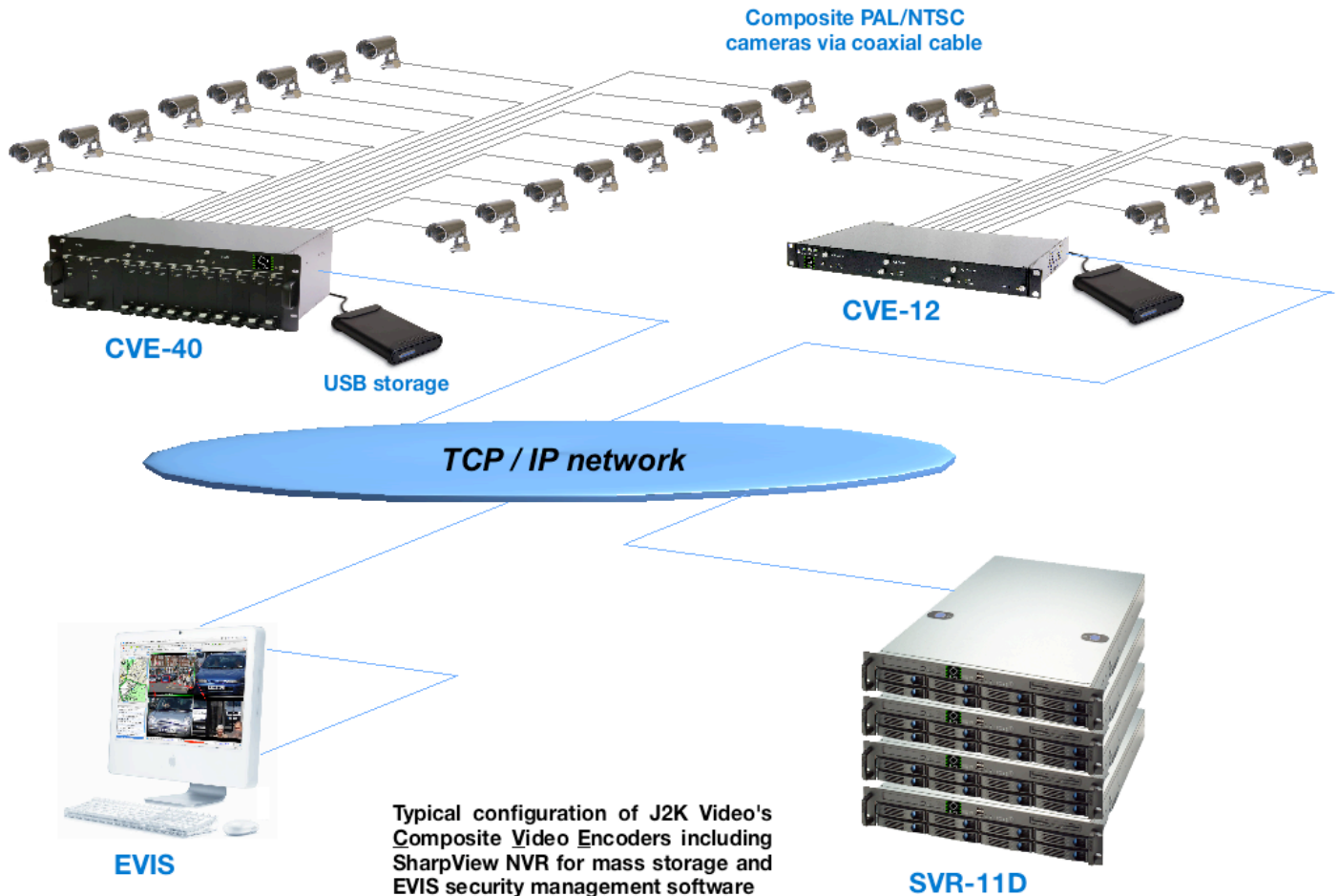
FEATURES

Key features for each 4-channel card

- 4 composite video inputs
- Alternative 2 video inputs and 2 loop outputs
- Full D1 resolution, 25/30fps for each channel
- MPEG-4, M-JPEG compression, optional MPEG-2
- Quad view output channel
- 4 audio inputs
- 1 audio output channel
- 10/100 Base-T Ethernet
- USB 2.0
- Motion detection
- 4/2 digital I/O
- RS232, RS485 interface
- On-Screen Display Text
- Temperature monitoring
- Power Supply diagnostics
- Fan unit diagnostics



Back view of CVE-12 (top) and CVE-40



J2KV Network Video Encoder

TECHNICAL SPECIFICATIONS

		CVE-04	CVE-08	CVE-12	CVE-16	CVE-20	CVE-24	CVE-28	CVE-32	CVE-36	CVE-40
Video	Inputs (without loop outputs)	4	8	12	16	20	24	28	32	36	40
	Outputs (half number of inputs)	2	4	6	8	10	12	14	16	18	20
	Compression	MPEG-4, M-JPEG, MPEG-2 selectable per channel									
	Resolution	D1, 2CIF, CIF, QCIF									
	Frame rate, fps (PAL/NTSC)	100 / 120	200 / 240	300 / 360	400 / 480	500 / 600	600 / 720	700 / 840	800 / 960	900 / 1080	1000 / 1200
Audio	Inputs	4	8	12	16	20	24	28	32	36	40
	Outputs	1	2	3	4	5	6	7	8	9	10
	Compression	G.711									
Network	10/100BaseT Ethernet (one per 4-channel card)										
Digital I/O	4 / 2	8 / 4	12 / 6	16 / 8	20 / 10	24 / 12	28 / 14	32 / 16	36 / 18	40 / 20	
Serial Interface	RS232C, RS485, USB 2.0 (one of each per 4-channel card)										
Motion Detection	Yes										
Text On Screen Display	Yes										
Video Stream Encryption	128-bit Advanced Encryption Standard (AES)										
Protocol	SNTP, DHCP, UDP, TCP, RTP, RTSP (Unicast and Multicast)										
Operating Temp. Range	0 to 60 degC										
Power Supply	110VAC, 2A / 240VAC, 1A				110VAC, 2A / 240VAC, 1A dual power supplies						
Dimensions (W x H x D) in mm	483 x 1U x 286				483 x 4U x 322						

CONTACT

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