8 or 16 Channel
Edge Video Recorder

Costar Video's Edge Video Recorder (EVR) is a 8 or 16 channel digital video recorder that incorporates Edgelink Technology to encode analog cameras, allowing them to be fully accessible by the iNEX user interface. The power of Edgelink Technology combined with the iNEX user interface allows your CCTV system to seamlessly integrate any existing analog cameras with high definition network cameras on one video management platform.

- 8 or 16 channel BNC inputs

- H.264 compression

- Images per second recording:
  480 ips @ CIF (CR1600EV)
  240 ips @ CIF (CR8000EV)

- Two-way audio communication

- 1-channel audio recording
  1-channel audio playback

- Web-enabled remote access via Internet

- 4x Digital Zoom on playback

- Two USB 2.0 ports

- Video monitor outputs:
  1 VGA, 1 BNC (SPOT)

- USB mouse operation (mouse not included)

- BNC and VGA video monitor outputs

- Text Interface for up to: 8 or 16 inputs
  using RS485, RS232 and TCP/IP

- 64 user group programming
  256 individual user programming

- Video Motion Detection (VMD)
  Video Obscuration Detection (VOD)

- Time-lapse, alarm, pre-event, panic and continuous recording modes

- Programmable record options -
  Schedule, Record Rate, Image Quality

- Up to 60 sec. pre-event recording
  Up to 30 sec. post-event recording

- Remote Access System (RAS+) software supports Static-IP, ADSL, DHCP, Dynamic-IP DVRNS (Enhanced DDNS)

- PTZ camera control – more than 50 specific protocols including Pelco D, Spectra, and StarDome Fastrax II

- Network Time Sync - master server or slave

- Simultaneous remote connections:
  10 Watch, 2 Admin and 2 Search

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www.costarvideo.com

CR8000EV and CR1600EV Specifications

Model	Channels
CR8000EV	8 Channel
CR1600EV	16 Channel

Power

Power Source	DC12V
Power Consumption	4.16 Amps

Input / Output

Video Inputs	8 or 16
Audio In / Audio Out	1 RCA In / 1 RCA Out
PTZ Dome Control	RS485
Monitor Output	1 ch. composite, VGA
Spot Monitor Output	1 channel composite
Alarm Input	4TTL (NO)
Alarm Output	1 Relay
Auxiliary In	RS232, RS485, 2 USB 2.0
User Interface	Keyboard controller, mouse, remote

Recording and Playback

Compression	H.264
Record Rate	480 ips @ CIF (CR1600EV) 240 ips @ CIF (CR8000EV)
Record Resolution	720x480 740x240 352x240
Advanced Features	2X zoom, clip copy, motion detection

Storage

Recording	Up to 4TB SATA HDD
Archiving	USB Flash Drive, USB HDD
Hard Drive Sizes	1000, 2000, 3000, 4000 GB

Network

Connection	Ethernet
Protocols	DHCP, DVRNS, ADSL, Manual
Remote Software	RASplus, Webgaurd, Internet Explorer, MAC Watch, MAC Search, iNEX Client
Remote Connections (simultaneous)	10 Watch connections 2 Search connections 2 Admin connections

System

Operating System	Embedded Linux
Data Export	USB Flash Drive, USB HDD
Disk Management	Temperature check, S.M.A.R.T. diagnosis, auto-recovery

General Operating

Operating Temperature	41°F to 104°F (5°C to 40°C)
Approvals	FCC, CE, UL, CB,
Dimensions	1.2U Rack 16.9" x 2.1"x 10.5" 430 x 54 x 267 mm

Operating Applications

iNEX
Connect and manage IP and Analog cameras onto a single user interface.

RASplus
Remote software providing 64 cameras live/playback, event monitoring, local recording, E-map, and device management

Webguard
Web based remote monitoring software which can be downloaded from web browsers in ActiveX format

Clip-Player
Self extractable video player containing not-alterable recorded data from its digital recorder, no need for special codec's or players

RAS Mobile-1
Remote monitoring software for Apple®, iPhone®, and iTouch®, Blackberry, and Android.

Costar VIDEO SYSTEMS

Specifications and design are subject to change without notice. Conversions: 1" = 25.4mm Measurement conversions are approximate.