EVENTYS

Eventys is an intelligent digital video and audio recorder/server that replaces analogue VCR, multiplexer, motion detector, and video transmission system used in traditional analogue systems. It is highly versatile, powerful and advanced whilst being very easy to use and has the capabilty to support unlimited amounts of storage capacity. Eventys is well suited for demanding sites such as banks, factories, logistic centers, and general corporate surveillance.

Synchronous recording of video and audio technologies

Eventys is a reliable, upgradeable, network accessible, and open PC-based video/audio recorder, that simultaneously supports IP AND analogue cameras, keyboard/joystick controllers, video matrices and audio devices.

Local recording – remote operation

Eventys eliminates the restrictions of physical distance as it can be accessed from virtually anywhere in the world over TCP/IP networks with the Eventys Viewer/ Controller clients or with the Eventys RMC (Remote Monitoring Center) system.

Efficient data retrieval

Eventys features some of the most powerful search functions on the market today. Images can easily be retrieved for viewing using the intelligent search tools.

Simply mask areas with the motion search tool to find a perimeter violation or an object that has gone missing, or use the dedicated graphical activity search tool that gives an intuitive overview of recorded activity. The alarm or event list is another easy way to access recorded events.

The playback of recorded audio can be synchronized with any video channel.

Key Features

- Digital recording on hard disk from 4 to 16 video inputs and from up to 4 audio inputs (option)
- Up to 150 ips total recording speed (dependant on system)
- Up to 900 GB internal storage capacity
- Continuous, motion-based and event-triggered recording
- WMC9 (enhanced MPEG-4) compression
- Individual camera and audio source settings
- Search by time/date, event, motion or activity (graphical search tool)
- Dome camera control locally or over network
- 32 Alarm input and 32 output lines with opto-isolated inputs and built-in relays (optional I/O card)
- Image watermarking during recording
- Software-based Watchdog with email notification
- Support for external Bewator video matrix control
- TCP/IP 10/100 Base-T network on-board
- Eventys Viewer and Eventys Controller client software for remote real-time viewing, image retrieval and remote system configuration
- Supports Eventys RMC (Remote Monitoring Center) client for centralized video monitoring and management
- Internal/External back up or data mirroring to CD-RW, optional DVD, NAS or RAID
- 19" rack chassis or PC based hardware versions
- Option for in-built UPS with shut-down parachute

BEWATOR

Operational

Digital Video Recording System

Storage capacity	160, 320, 480 or 900GB internally, unlimited storage externally
Archiving format	CD-RW, floppy, email or other transfer over IP, optional DVD / flash etc...
Record modes	Motion detection, continuous, event triggered, schedule triggered (with calendar) or manual
Video Standard	PAL / NTSC
Operating System	Windows® XP Pro UK
Compression	WMC9 (enhanced MPEG-4) or motion JPEG option
Supported languages	English, French, German, Spanish, Danish, Swedish, Norwegian, Russian, Estonian, Finnish

Image rate settings

System (max)	150 ips, (dependent on chosen system spec.)
Single camera (max)	25 ips, (real time)

Image Size

Average	7 kB MPEG or 20-40kB JPEG

Image Resolution (PAL)

High (field recording)	2CIF	(704 x 288 pixels)
High (interlaced replay)	4CIF	(704 x 576 pixels)
Standard	CIF	(352 x 288 pixels)
Browsing (fast search)	QCIF	(176 x 144 pixels)

Audio

Channels	2, expandable to 6 or 10
Sampling	22 kHz
Recording	compressed / uncompressed

Events

Settings	Event source (camera, input, disk full, no signal, audio high/low), pre-and post-event recording duration and rate, network alarm, output contact, dome camera preposition, logical events, storage time
Adjustable duration	Pre-event recording 1 to 15 minutes or 1 to 255 frames. Post-event recording from 5 seconds

Security and image authentication

Passwords for	Settings access, Main panel unlocking, Footage tools, Network access, Deletion of copied sequences, Audio playback and recording
Image Authentication	Watermark on recording and authentication during playback

User Interface

User interface	Mouse and/or keyboard control
Dome camera control	Bewator, Ernitec, JVC, Panasonic, Pelco, Philips/Bosch and Sensormatic dome camera drivers
Settings	Screen layouts can be saved for individual user log-ons with camera window size and position and site map backgrounds
Matrix control	Bewator Visilynx 3i, also Computar CS16.4PII, Pelco CM6700/CM6800)

IP Camera Compatibilty

Supported IP cameras	Axis 2120 PAL
	Axis 2420 PAL
	Axis 2100 NTSC
	Axis 2110 NTSC
	Axis 205 PAL
	Axis 230 NTSC video only
	Axis 2400 4 cam server
	Axis 2401 4 cam server

Remote client software

Standard	Eventys Viewer (Win XP/ 2000)
Optional	Eventys Controller (Win XP/2000) and Eventys RMC (Remote Monitoring Center)

Data export

File formats	HTML, AVI and ASF formats with built in image verification, no additional software required

Inputs / Outputs

Video inputs	4/8/12/16 composite inputs, 1 Vp-p 75 ohm BNC
Alarm Inputs	8/12/16 inputs
Optional I/O Kit	8/12/16 optoisolated inputs; 4/6/8 relay outputs (< 0.1 A)
Optional I/O Boards	16 inputs/outputs 32 inputs/outputs
Network host interface	TCP/IP Ethernet interface
Transparent serial port	Remote control of any RS-232 device from Eventys Controller

Built-in video matrix (optional for 12/16-ch. models)

Video inputs	16 video inputs
Video outputs	8 programmable video matrix outputs
	16 loop-through video outputs

Backplane Connectors

Power	ATX PS, 300 W, 115 / 230 VAC, 50/60 Hz
Keyboard, Mouse	PS/2
SVGA Monitor Adapter	15pin SVGA, also SVHS & Composite output (RCA)
Printer	One DB25-S, parallel
Network	RJ-45, Ethernet 10/100 Base-T
USB ports	Six USB 2.0

Processor / RAM

Processor	2.8 GHz Intel Pentium 4
Memory	512 MB DDR-Sync DRAM PC2100

Dimensions

H x W x D	180x485x500mm [max - R version]
Weight	16 kg

Ambient

Temperature	5 - 40 C
RH	0 - 80 % RH, non-condensing

Models

Eventys part numbers:

EV-Rx-y-[Ez]-[F]-[Aa]-[R]

x = channels (4/8/16),
y = HDD size (GB)
z = Number of IP cams (groups of 4)
F - use F for fast frame rate cards
a = audio channels (2/6/10)
R - use R for 19" rackmount version