

# Visioprime-E/EX

Digital Video Recorder Management System



The Visioprime-E and Visioprime-EX offer many of the exceptional features of the high-end Visioprime Systems in a value-for money solution for smaller installations. Visioprime-E/EX are ideally suited to small, stand-alone applications but can easily be connected to a network of Visioprime Systems as part of a larger multi-system installation.

The **Visioprime-E/EX** can record simultaneously from up to 4 cameras, with the **Visioprime-E** affording a capture rate of 12 images per second (ips) across all cameras, and the **Visioprime-EX** incorporating additional hardware to enhance its recording and live display rates to 50 ips across all cameras. Using Visioprime's Wavelet compression, image quality is configurable. The **Visioprime-E/EX** can record and display video images of much higher quality than SVHS or much lower to save on disk space.

The **Visioprime-E/EX** each support 1 channel of audio input, with full lip-synchronisation on playback of audio-visual recordings enabling further enhancement of recordings for evidential purposes.

In addition to VMD, the System can be integrated with **External Alarms** which, when associated with a camera, can be used to trigger recording and/or screen displays, simultaneously recording the event and alerting the user of a possible incident.

With **Streaming video**, and the appropriate network connection, users can connect to the **Visioprime-E/EX** using a browser and have video streamed to their PC or Pocket PC.

## Summary of Features

- Records from up to 4 simultaneous video inputs
- 1 audio input
- Powerful video compression (Wavelet)
- Recording rates of up to 12ips (E) and 50ips (EX)
- Live display rates 12 ips (E) and 50 ips (EX)
- Video motion detection (VMD)
- Lip-synchronised playback
- Inputs from external alarms
- Event-based recording (VMD and Alarms)
- Scheduled recording
- Network connectivity (PSTN, ISDN, TCP/IP)
- Alarm on loss of video inputs
- Remote system configuration and playback via Visioprime-RM software
- Streaming of live images across a network (MPEG4)
- Bi-directional audio
- Controls for Pan-Tilt-Zoom cameras
- Export via Visioprime-RM
- Sequenced monitor outputs (E only)
- Unlimited expansion over a network
- Attractive compact chassis (supplied as self-standing or rack-mounted)

## Certifications & Approvals

- Kalagate
- FCC (Class B)
- CE (Class B Digital Device EN 5008-1)
- Industry Canada RSS 119 (Class B)
- UL approval (pending)

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SYSTEM HARDWARE	DESCRIPTION	CONNECTION
Broadcast System	PAL/CCIR	–
Video Inputs	4, (75 Ohm, 1V p-p)	BNC (Dip switch termination ON / OFF)
System Monitor	SVGA, DVI or S-Video	BNC
Sequencer Video Outputs (option)	1, (75 Ohm, 1V p-p)	BNC
Audio Inputs	1 channel	3.5 mm jack (line level)
Audio Output	1 channel	3.5 mm jack (line level)
Alarm Inputs	4 isolated (n/c, n/o)	Screw terminals 12 pin, 3.2mm pitch terminal connectors
Alarm Outputs	1 isolated (n/c, n/o with timer)	Screw terminals 12 pin, 3.2mm pitch terminal connectors
RS232	control output	DB – 9M
Archive	External CD-RW option	
Miscellaneous	4 x USB connections, Mouse and Keyboard, Parallel printer port	

SYSTEM HOUSING	DIMENSIONS	WEIGHT
Standard Case	322mm (W) x 105mm (H) x 390mm (D)	8 kg approx
Rack-Mounted Case	483mm (W) x 134mm (H) x 390mm (D)	9 kg approx

NUMBER OF CONTINUOUS DAYS RECORDED USING VISIOPRIME-E WITH 120GB HDD*								
IPS	1 CAMERA		2 CAMERAS		3 CAMERAS		4 CAMERAS	
	NO ARCHIVE	DYNAMIC RE-ARCHIVE	NO ARCHIVE	DYNAMIC RE-ARCHIVE	NO ARCHIVE	DYNAMIC RE-ARCHIVE	NO ARCHIVE	DYNAMIC RE-ARCHIVE
1	61	160	30	79	20	52	15	39
6	15	152	8	71	5	44	-	-
12	8	142	-	-	-	-	-	-
25	5	131	-	-	-	-	-	-

\*Recorded @ SVHS quality. Archival to 1ips @ 'low' quality after 24 hours

SOFTWARE Version 4.0	
Visioprime System GUI	Live display, playback and configuration
Visioprime-RM (option)	Live display, playback and configuration via network. Bi-directional audio (optional)
Visioprime-RM Lite	Live display and playback via network
sPlayer	Live display (1 view) and playback via network. Playback of exported video
Streamer	Live display (1 view) to client via web browser and Windows Media Player
NetAlert	Monitors network connections to Visioprime Systems

PRODUCT OPTIONS	
Super VMD	Direction tracking, object removal, object deposition
Bi-Directional Audio	Enables Visioprime-RM users to speak to people in the environment of one CCTV camera equipped with a speaker
Time synchronisation	Suite of software and associated hardware to synchronise time across a cluster of Visioprime Systems

OPERATING ENVIRONMENT	
Temperature	5°C-55°C
Relative Humidity	5%-85% (non condensing)
Tolerable Shock (non operating)	10G x 2mS (2 per second max)



SYSTEM CAPACITY	
Image Capture Resolution	720 x 288 pixels (PAL) NTSC version available
Max Image Capture Rate (System)	(E) 12 ips across all cameras (EX) 50 ips across all cameras
Max Image Capture Rate (Camera)	(E) 12 ips* / (EX) 50ips
Video Compression Rate (Wavelet)	1 ips @ quality 1 = 41 KB 1 ips @ quality 11 = 7 KB
Internal Disk Space (Standard)	(E) 120GB (EX) 250GB
Internal Disk Space (Extended)	250GB max
LAN Speed	10/100 Mbps
Input Voltage Range	115/230V 60/50Hz 1.7/1.0A
Max Power Consumption	230W

\* 25 ips if just one camera is attached