RAID*array*

**Visimetrics
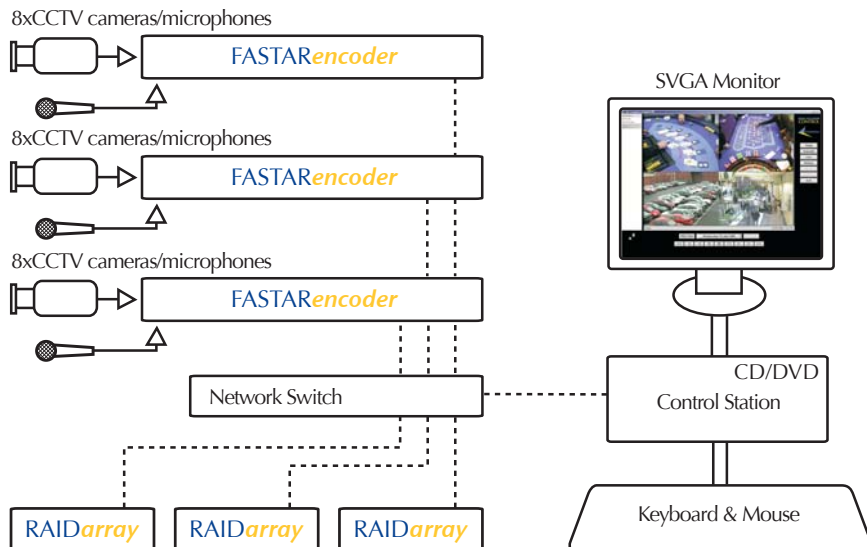RAID Array**

DIGITAL EVIDENCE RECORDER™

- Application Specific RAID Storage

- High capacity hot swappable storage up to 18TB per system

- Fault tolerant for robust evidential storage

- Critical component redundancy

- Remote Event Notification and audible event alarms

In many large scale Digitally Recorded CCTV systems there is an inevitable need for additional storage, as hard disk capacity requirements exceed those available within a DVR itself. In addition, many specifications call for separate storage devices to manage increased redundancy, resilience and in extreme cases the provision of data, by removing hard disks without effectively closing down the recording operation.

The Visimetrics range of RAID Array devices addresses these issues and is designed to work specifically with our well established range of Digital Video Recorders and IP Encoders. RAID Array provides users with a truly integrated high capacity storage solution without compromise at any level. Designed and implemented entirely for digital recording within CCTV and Surveillance applications, RAID Array provides robust evidential storage with full fault tolerance.
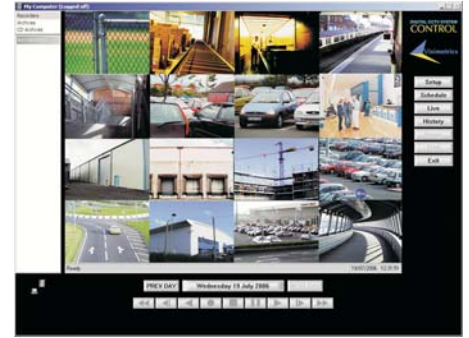
Available in either 3U (16 drive bay) or 5U (24 drive bay) rack mount variants, Visimetrics RAID Array has been optimised to provide hardware RAID levels 1, 5 or 6 (default) ensuring virtually any storage and redundancy requirement can be achieved.

Visimetrics

DIGITAL CCTV SYSTEMS

RAID*array*

CONTROL user interface

RAID*arrays* and FASTAR*encoders* configured for 24-channels of Video Recording.

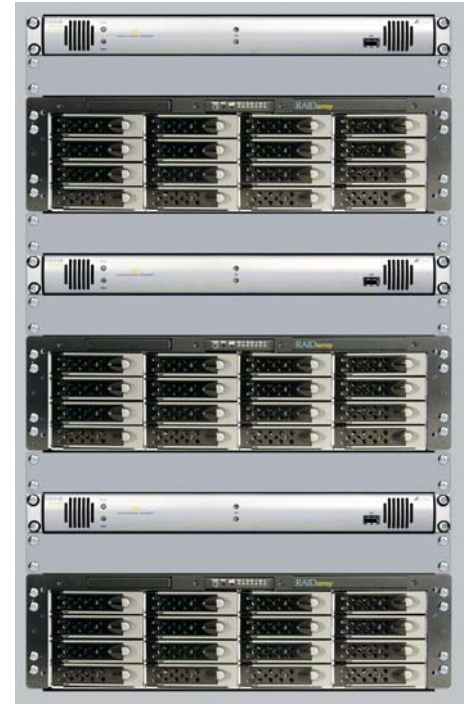|	
Product Range	RAID Array is available in either 3U 16-bay or 5U 24-bay options.
OS Support	Visimetrics Embedded Storage OS.
Storage Format	Hot swappable Hard Disks with volume capacities from 1.5TB to 18TB. Supports hardware RAID configured to RAID1, RAID5 or RAID6 (default) level.
RAID Controller	3U 16-channel SATA-II Hardware RAID Controller. 5U 24-channel SATA-II Hardware RAID Controller.
Hot Swap Disk Drive	3U - up to 16-bays. 5U - up to 24-bays.
Hot Spare Disk Drive	Optional.
System Config. Backup	Via flash drive.
System Monitor	Remote Server Management GUI. Remote RAID Management GUI. Remote Event Notification. Local audible alarm. Local visible alarm.
Cooling	Integrated redundant cooling.
Network Ports	Ethernet 100/1000Mbps port on RJ45 socket. DHCP enabled. SNMP supported.
Serial Ports	1 x RS232. 9 pin D type.
Mains Power Input	3U - 650W Triple redundant Power Supply (requires 3 IEC power cables) 380W typical. 5U - 930W Triple redundant Power Supply (requires 3 IEC power cables) 540W typical.
Operating Conditions	10 to 25C. Recommended temperature range 18 to 22C. 5% to 85% relative humidity.
Heat Dissapation (max)	3U 16-bay > 1298 Btu/hr. 5U 24-bay > 1843 Btu/hr.
Dimensions	3U 16-bay W x H x D - 430mm x 135mm x 770mm. 5U 24-bay W x H x D - 430mm x 220mm x 770mm.
Weight	3U 16-bay - Approx. 23Kg. 5U 24-bay - Approx. 38Kg.
Mounting	19-in rackmount.
Status Indicators	LED's for Power, Hardware/Software Error, Disk Activity.
Alarms	Audible alarms for Hardware/Software Error.

DIGITAL EVIDENCE RECORDER™

All Visimetrics DVR products now carry the **DIGITAL EVIDENCE RECORDER™** trademark. These DVRs are designed to record video, audio and data to the highest possible standards for evidential use, including encoding, time/date/serial number stamping, audit trail and easy, yet evidentially robust, data transport. Ask your dealer for our specially printed blank disks for evidential use.

Visimetrics

DIGITAL CCTV SYSTEMS

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8xCCTV cameras/microphones

FASTAR*encoder*

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8xCCTV cameras/microphones

FASTAR*encoder*

Network Switch

SVGA Monitor

CD/DVD
Control Station

Keyboard & Mouse

RAID*array*   RAID*array*   RAID*array*

RAID*arrays* networked with FASTAR*encoders* to provide a 24 channel system