



e-Series

IIIrd Generation

Hi Res D1 DVR



Performance Delivered

Embedded DVR Main Features

MPEG-4 / H.264 Compression
USB Mouse Input
Smart HDD Management
Redundant Data Storage
HDD Standby
Graphic User Interface
D1 Quality Viewing/Recording
Built in alpha Numeric Keypad
Full Mouse Control Operation
Real time 30 fps / Ch - Recording
Real time 30 fps / Ch - Display
LINUX - Operating System
Audio Recording - 16 channel
Monitor Outputs - 2
VGA Output - 1
Network Enabled
Multiple Clients

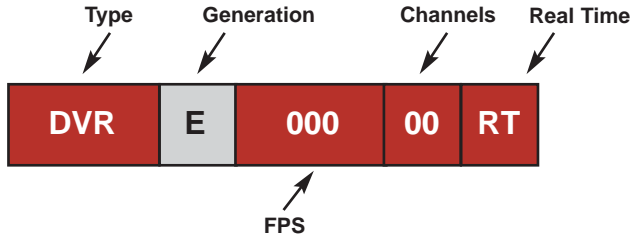
Video Loss Alarm
Built-in CD / DVD - RW
Backup - Event / Mirroring
NTSC / PAL Compatible
Multiple HDD - up to 3TB
Time Synchronization
Search - Time / Event
Alarm Input per channel
Alarm Relay outputs - 6
Pre-Alarm Recording
Trans-coding Compression
Monitoring Watchdog
Recovery - Auto reboot
PTZ Camera Control
CCTV keyboard - option
Area Masking Function
DDNS/PPPoE Support
FTP Alarm Backup



COMPLETE STAND-ALONE SYSTEM

This stand-alone configuration shows typical set up of a system:

- 1 to 16 Cameras
- Remote Control
- Spot Monitors
- ATM / POS Connection
- Full mouse control operation
- Remote Monitoring
- PTZ Camera and Control
- Call monitors



Model Reference Chart



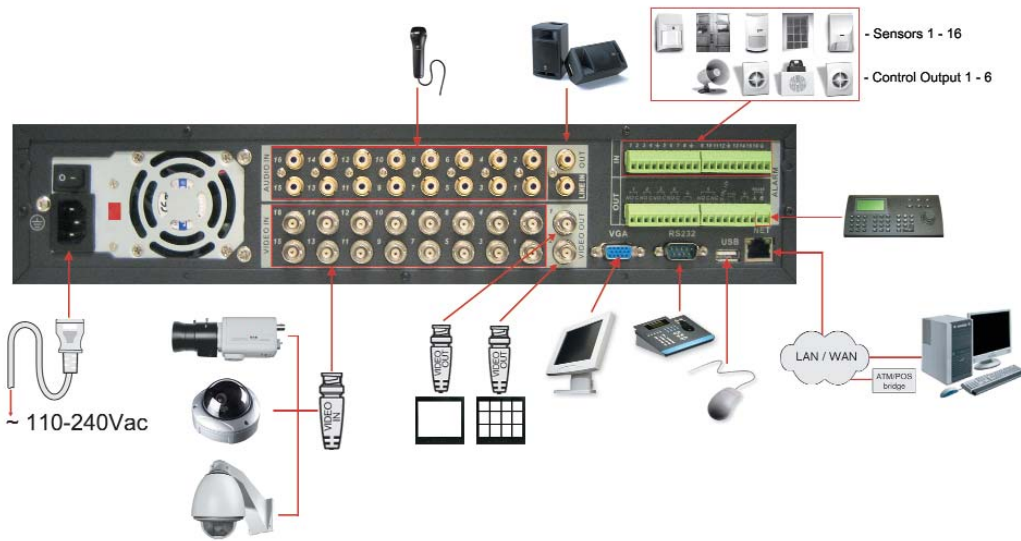
Embedded DVR Technical Specifications

Video		Network	
Video Input Ch	4, 8, 16 CH (BNC)	Remote Client	Multi-user
Input Level	Composite, 75 Ohm Balanced	Web	Dynamic IP, DDNS/PPPoE, Built in web server
Video Standard	NTSC / PAL	FTP	Support
Main Monitor Output	1.0 V p-p Composite, 75 Ohm Balanced	Operating system	
Camera Name	Alpha Numeric	Linux	Embedded
Monitor Multiplex Views	1, 4, 8, 16 Screen	Backup	
Sequence Dwell Time	5-20 Seconds	Digital Backup	Removable HDD, CD-RW, DVD, USB (2.0)
Video Standard	NTSC-525 line / PAL-625 line	Mirroring	Supported
Display Speed NTSC/PAL	30/25 fps per channel	Monitoring & Recovery	
Resolution		Monitoring	Hardware & Software Watchdog
Viewing Resolution	Real time DI : 704X576	Recovery	Auto-Reboot
Mode	Manual/Motion Detection/Alarm Event	Connections	
Motion Detection	192(16x12) grid area configurable, multi level detention	Video Input	4, 8, 16 (BNC)
TV Adjust	Anemographic images, luminance, contrast configurable	Monitor Output	2 (BNC)
Screen Lock	Lockable screen for data security	VGA Monitor	15 pins (female)
Recording Resolution NTSC/PAL	DI : 704X480/704X576	Serial Port-RS232	9 pin male DSUB
	Real time CIF : 320X240	PTZ - RS485	2 pin Terminal Block, Half Duplex
Recording		Alarm Input	8 pin + 2 pin (GDN)
Pre-Alarm	10 sec	Alarm Output	3 pin x 4
Schedule	24 groups	Ethernet	RJ-45, 10/100Mbps
Area Masking	Random size selection	Audio In/Out	4, 8, 16 (RCA)
Audio		Electrical	
Input/Output Ch	4, 8, 16 (RCA)	Power source	115/230 V AC, 50-60HZ
Compression	ADPCM	Rating	40-50 watts
Input Level	1.4Vp-p@20K ohm	Environment	
Storage		Operating Temp.	0°C to 55°C
Internal storage	1 to 8 HDD	Storage Temp.	-10°C to 60°C
HDD Speed	7,200 RPM	Humidity	110-90 % RH, (non-condensing)
Maximum Storage	3 Terabyte	Storage	
Alarm		Construction	Steel case - 19' rack mountable
Input	4, 8, 16	Dimensions	440 (W) x 89 (H) x 460 (D) mm, 2 U size
Motion Detection	Multi-level per channel	Weight	7.5 Kg



MULTI-LOCATION WITH CENTRALIZED CONTROL (CMS)

This application software requires that each location have a local dvr system and that all locations be connected via a local or wide area network (LAN or WAN). A PC with the central server software can then connect for remote observation; download recorded files with audio or system management. When further surveillance is required an optional text inserter for ATM or Point Of Sale is connected to the dvr, searching for video linked to the transaction data can be performed locally or via the network.



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