

## UDR-16-750

### 16 Channel Ultra Digital Video Recorder, Embedded Linux



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Sophisticated Security and Surveillance Systems

High resolution digital surveillance system for the professional security market

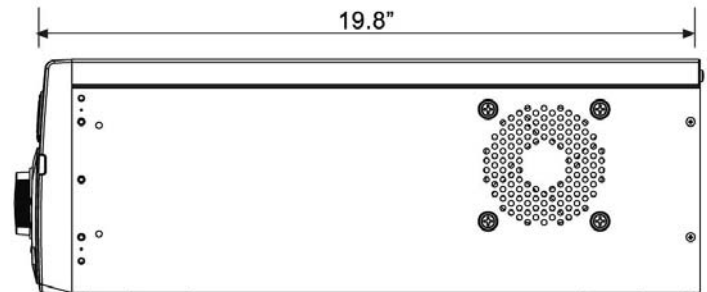
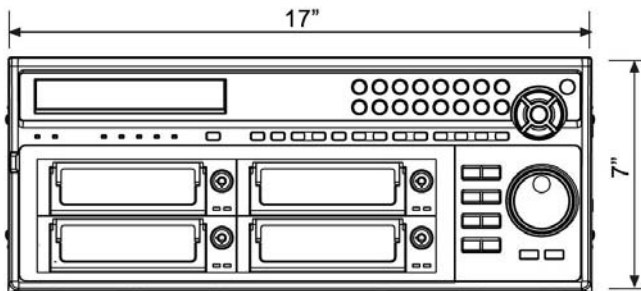
#### Features

- ✓ 16 camera digital video recorder
- ✓ Full frame rate (30ips) live viewing of all cameras
- ✓ Recording speed up to 480 ips (NTSC)
- ✓ Pentaplex Operation for recording, monitoring, playback, networking and backup without any performance reduction
- ✓ Image Authentication through Chained Fingerprint enabling a robust chain of evidence comprising images that cannot be altered or modified
- ✓ Internet browser accessible for remote connectivity
- ✓ Programmable motion detection and object tracker
- ✓ Four, front panel loading, hot swappable HDD's.
- ✓ Mirror archiving, including an auto archiving feature, for perfect protection of critical data
- ✓ Full suite of self diagnosis tools
- ✓ Fully integrated with ViSS central station monitoring suite
- ✓ Bi directional audio from the control room to the camera at the site
- ✓ Map integration to enhance site navigation



#### Description

The UDR-16-750 encompasses a stylish chassis featuring four, front panel accessible, hot swappable HDD's. The data base can be setup to allow for fully redundant storage across the four HDD's.



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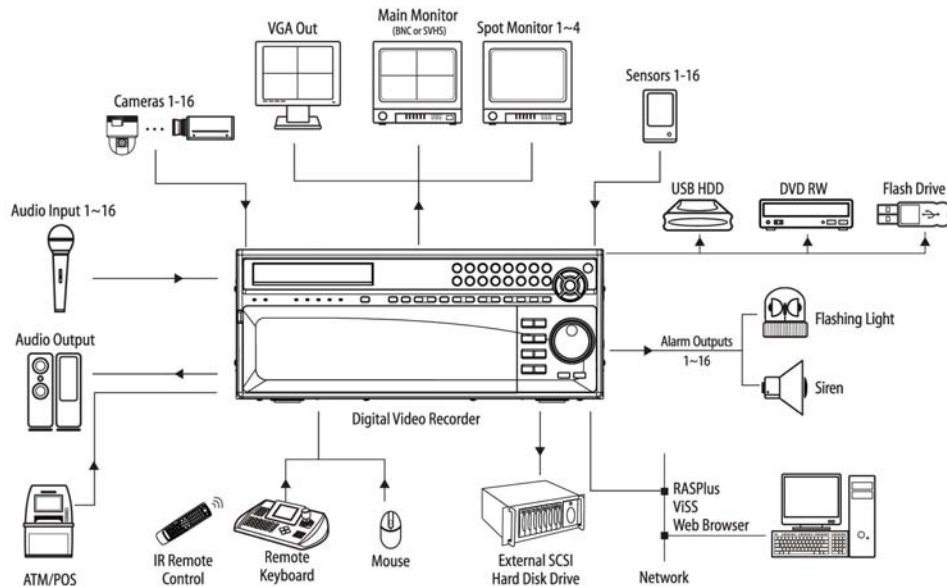
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### Specifications

Monitoring		System	
Video Input	Composite: 16 BNC, Looping	Operating System	Embedded Linux (Built-in Flash Memory)
Video Outputs	Composite: SVHS, VGA, 4 SPOT	Data Base File System	lbank 2.0 (Proprietary Multimedia Database Optimized for DVR Works well even at 90% HDD Failure)
Display Resolution	Composite: 720 x 480 VGA: 800 x 600	Storage	Max 4 Hot-Swappable HDD + SCSI HDD
Display Rate	Real-time, 30ips per camera	Data Export Medium	USB (HDD, CD-RW, Flash Drive), IDE DVD±RW
Features	Covert Camera, Object Detection, Triplex Operation, Color Control, Zoom (2x ~ 4x), Event Alert (Email, Pager, Remote S/W), Video Blind Detection	Data Backup	Real-Time Mirroring, Archiving (EIDE HDD, SCSI HDD, USB HDD)
<b>Record &amp; Playback</b>		Disk Management	Temperature Check, S.M.A.R.T. Diagnosis, Auto Recovery, Auto Deletion
Compression	MPEG4	Features	S/W Update (Remote S/W, USB Flash Drive), Network Time Sync, USB Printer Support, Setup Import/Export
Recording Rate	Real-time, 480ips @ Half D1	<b>Network</b>	
Playback Rate	120ips @ Half D1, Duplex	Connection	Admin: 2 / Watch: 10 / Search: 2 (Ethernet)
Recording Mode	Time-Lapse, Event, Pre-Event (up to 30 min), Text-In, Panic	Protocols	Static IP, ADSL, DHCP, DVRNS (Enhanced DDNS)
Search Mode	Date/Time, Calendar, Event, Motion, Museum, Text-In	Remote Software (Basic Feature)	Monitoring, Playback, Recording, Setup, PTZ Control, Upgrade, Web Browser Access, System Status Check
Features	Motion Detection, Zoom (x2), Bookmark, One-touch Clip Copy, Bookmark Clip Copy	Remote Software (Advanced Features)	Triplex Operation (User-Defined 64 Ch View), Two-Way Audio, Map Integration, Multisite System Health Monitoring
<b>In / Out</b>		Network Data Export	Clip Player, AVI, JPG, BMP
Audio In / Out	16 / 1 RCA	<b>General</b>	
Alarm In / Out	16 / 12 + 4 Relay	Dimensions (WxHxD)	17.3" x 7.0" x 19.9", 4U, Rack
Auxiliary In / Out	2 RS232, 2 RS485, 3 USB 2.0, SCSI, IR Port	Unit Weight	35.3 lbs
PTZ Control Protocol	Pan, Tilt, Zoom, Iris, Pattern, Scan, Tour, Auto Panning, Camera On/Off, Menu Control, Pump, Wiper, Light, Aux	Operation Temperature	41 °F ~ 104° F
User Interface	Remote Keyboard, Mouse, IR Remote Control, Front Buttons, Jog/Shuttle	Operating Humidity	0% ~ 90%
User Group	64 Groups, 256 Users	Power	100 VAC ~ 230 VAC, 2A, 50/60 Hz
		Approvals	FCC, UL, CE, CB

### System Diagram



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\*Specifications subject to change without notice.

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