

## SDR-16-250

# 16 Channel Standard Digital Video Recorder Embedded Linux



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Sophisticated Security and Surveillance Systems

The most cost effective advanced 16 channel digital surveillance system.

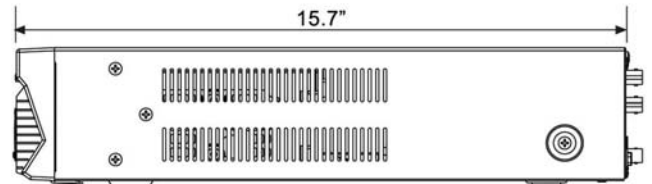
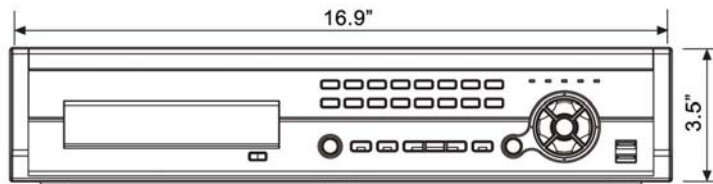
### Features

- ✓ 16 camera digital video recorder
- ✓ Full frame rate (30 ips) live, viewing of all cameras
- ✓ 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 via **Webguard**
- ✓ Full alarm inputs for integration into BA, Fire, etc.
- ✓ Enhanced pre-event and event management
- ✓ Covert camera masking to prevent live monitoring of specified cameras
- ✓ Multi level user access and password control
- ✓ Supports up to 4 internal HDD's
- ✓ Digital zoom capability on both live view and recorded images
- ✓ 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 SDR-16-250 is an extremely reliable digital security system presented at a price that will fit into most every budget.



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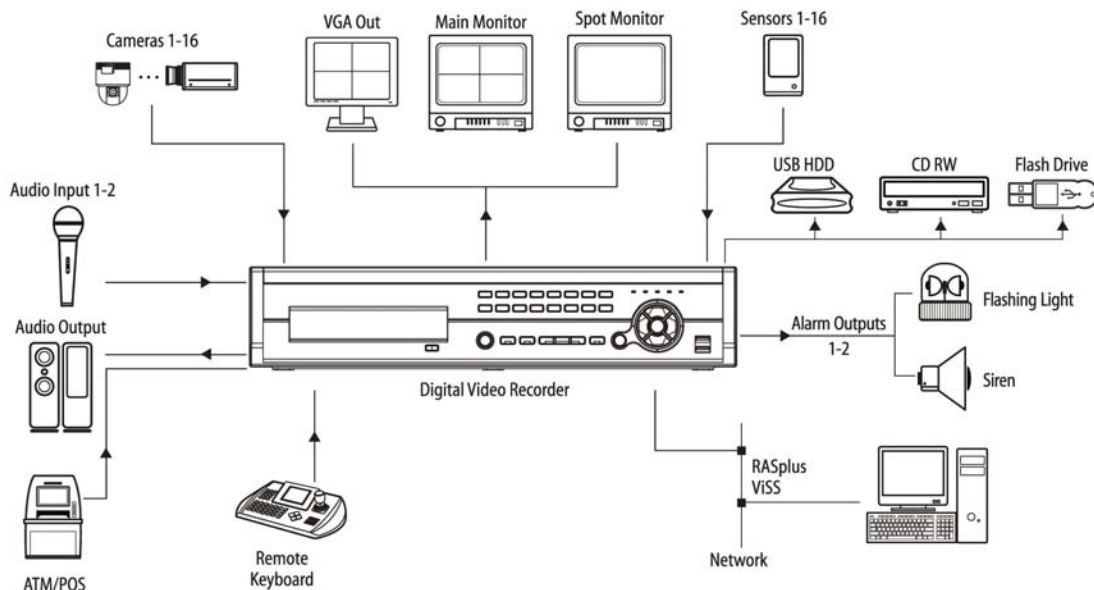
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### Specifications

Monitoring		System	
Video Input	Composite: 16 BNC, Looping	Operating System	Embedded Linux (Built-in Flash Memory)
Video Outputs	Composite: SPOT, VGA	Data Base File System	Ibank 2.0 (Proprietary Multimedia Database Optimized for DVR Works well even at 90% HDD Failure)
Display Resolution	720 x 480	Storage	Max 4 HDD
Display Rate	Real-time, 30ips per camera	Data Export Medium	USB (HDD, CD-RW, Flash Drive), IDE (CD-RW, DVD-±RW)
Features	Covert Camera, Color Control, Zoom (2x), Event Alert (Email, Pager, Remote S/W), Video Obscuration Detection	Data Backup	Real-Time Mirroring, Archiving (EIDE HDD, SCSI HDD, USB HDD)
		Disk Management	Temperature Check, S.M.A.R.T. Diagnosis, Auto Recovery, Auto Deletion
<b>Record &amp; Playback</b>		Features	S/W Update (Remote S/W, USB Flash Drive), Network Time Sync, Setup Import/Export
Compression	MPEG4		
Recording Rate	Real-time, 120ips @ CIF	<b>Network</b>	
Playback Rate	Real-time, 120ips @ CIF, Duplex	Connection	Admin: 2 / Watch: 10 / Search: 2 (Ethernet, External Modem)
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), One-touch Clip Copy, Bookmark Clip Copy	Remote Software (Advanced Features)	Triplex Operation (User-Defined 64 Ch View), Map Integration, Multisite System Health Monitoring
<b>In / Out</b>		Network Data Export	Clip Player, AVI, JPG, BMP
Audio In / Out	2 / 1 RCA	<b>General</b>	
Alarm In / Out	16 / 2 Relay	Dimensions (WxHxD)	16.9" x 3.5" x 15.7", 2U, Rack
Auxiliary In / Out	RS232, RS485, 2 USB 2.0	Unit Weight	15.7 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, Front Buttons	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.