

PCR-16-250

16 Channel Digital Video Recorder, PC Based



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Sophisticated Security and Surveillance Systems

Features

- ✓ 16 camera digital video recorder
- ✓ Full frame rate (30 ips) live viewing of all cameras
- ✓ Recording speed up to 480 ips (NTSC)
- ✓ Internet browser accessible for remote connectivity
- ✓ Compatible with VISS central station monitoring product suite
- ✓ Various recording modes (Real-time, Time-lapse, Alarm, Motion)
- ✓ Smart search functionality for quick and easy video retrieval
- ✓ Highly efficient compression engine maximizes recording capacity
- ✓ Multiple types of remote access (PSTN, ISDN, ADSL, LAN)
- ✓ 16-Channel audio recording and 1-Channel audio playback
- ✓ Hard drive storage capacity up to 9 terabytes (Supports RAID)
- ✓ Time Synchronization using industrial standard protocol
- ✓ Built in CD-RW
- ✓ 1 SCSI Port (Recording and Archiving)
- ✓ Aluminum HDD bracket for effective cooling



Description

High Performance

- ✓ **Multitasking:** Simultaneous viewing, recording, playback, archiving and remote connectivity
- ✓ **High Recording Speed:** Max 480ips
- ✓ **Compression:** Pictures are recorded using the MPEG4

Stability

- ✓ **Watchdog:** Hardware and software watchdog functionality offers self system restart in case of critical system conditions

Complete Security

- ✓ **Image Authentication:** Chained Fingerprint enabling a solid chain of evidence makes image that cannot be altered or modified
- ✓ **Password-Protection:** Local and network secure access

Convenience

- ✓ **On-Screen Display:** Camera ID, recording mode and status
- ✓ **GUI Interface:** Simple and intuitive graphics user interface
- ✓ **Image Printing:** Support printers with Windows™ drivers
- ✓ **Bookmarks:** Add a specific image on the bookmark list to enhance user-defined searching
- ✓ **Minibank Save:** Archive video clip files as ".exe" files containing a player program so video clips can be reviewed without installing any special software on the PC

Alarm

- ✓ **Alarm Settings:** Video associated with alarm conditions can be set to record at higher speed and resolution.

Features

- ✓ **Customized Recording:** Multiple Recording Modes: Real-time, time-lapse, event-driven and pre-event
- ✓ **Dual Scheduling:** In addition to normal scheduling, an advanced schedule can be established for after hours and video associated with alarms based on priority
- ✓ **16 Channels for Audio Recording and 1 Channel for Playback**
- ✓ **16 Video Inputs with Straight Looping Outputs**
- ✓ **1 Additional Video Output for a Spot Monitor**
- ✓ **FastVideo Retrieval:** Find and retrieve critical events quickly using various search filters - calendar search, go to search, recording status bar search, and search by object
- ✓ **Various Camera Display:** 1, 2x2, 3+4, 3x3, 2+8 and 4x4
- ✓ **Programmable Motion Detection**
- ✓ **Archiving:** Provide auto/manual backup to any storage medium
- ✓ **Pan/Tilt/Zoom Control:** Software control for many PTZ domes
- ✓ **Web Monitoring:** Monitor live video images on the IVR-6016 through standard Internet web browser any time from virtually anywhere
- ✓ **VISS Compatibility:** The IVR-6016 is compatible with the VISS suite of products for simultaneous internet browser connectivity to multiple recorders for live remote monitoring and retrieval of recorded video; ideal for video central station applications
- ✓ **Time Synchronization:** Synchronize the time between the DVR and any time server

Graphic User Interface



Smart Guard

Real-time Monitoring & Recording



Smart Search

Recording Data Search



Player

Video Clip Player



WebGuard

Remote Web Monitoring

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*Specifications subject to change without notice.

www.intervid.com
800-337-8066

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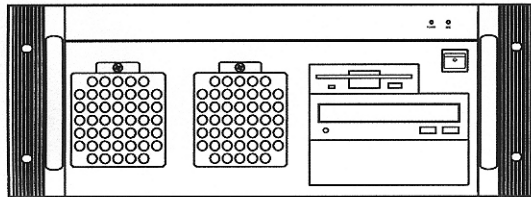


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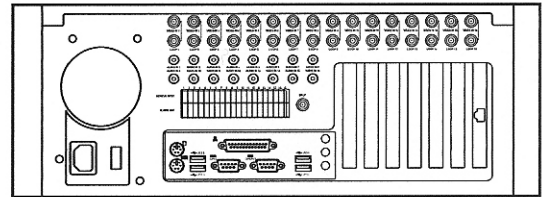
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Specifications

Video			Storage		
Signal Format	NTSC		Primary Storage	Internal EIDE hard drive disks	
Video Input	Composite	16 inputs, 1 Vp-p, selectable 75Ω or high-z termination	Secondary Storage	Internal	CD-RW drive
Monitor Outputs	Composite	1 output, 1 Vp-p, 75Ω		External	SCSI hard disk drives, USB Hard disk drive, Zip drive
	VGA	1 output	General		
Recording Resolution	640 x 480, 640 x 240, 320 x 240, 160 x 120		Dimensions (WxHxD)	440mm x 180mm x 507mm 17.3" x 7.1 x 20	
Display Record Speed	Max 480ips / 480ips		Unit Weight	24.2kg, 53.4lbs	
Inputs / Outputs			Power	100-240VAC, 50/60Hz	
Alarm	Input	16 switch closure or TTL open-collector inputs	Connectors		
	Output	16 TTL	Video Input	Composite	16 BNC connectors
Audio	Input	16 line	Video Loop	Composite	16 BNC connectors
	Output	1 line	Monitor Outputs	Composite	1 BNC connectors
				VGA	1 VGA connector
Miscellaneous			Audio In / Out	Line in 16 RCA 1 line out connector	
Approvals	FCC, CE, UL		Alarm In / Out	Terminal block	
Options	IDE extension card* **, SCSI**, Secondary storage devices		Ethernet Port	RJ-45	
	*The user can install additional four hard disks drives on the DVR.		RS-232	2 DB9 (P) connectors	
	**Do not use both an IDE extension card and SCSI card at the same time		USB Port	2 USB Ports	
			Parallel Port	25 pin D-Sub for PC printer	
			Modem Port	RJ-11	
			SCSI	Standard 68 pin SCSI II connector	



[Front Panel]



[Rear Panel]

System Diagram

