

iDRS-Series



iDRS-4900A

16 Channel Real-time Display / 120fps (100fps, PAL) Recording Model.



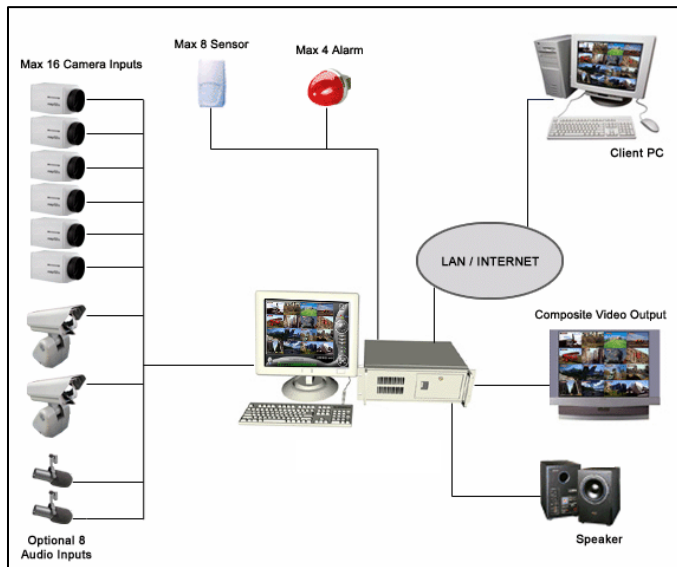
- iDRS-4900A supports full-frame realtime display and higher recording frame rate and the highest image quality, which makes this model more suitable for various application of Digital CCTV surveillance system.

Eastern Video Technologies Co.

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Major Features



<System Configuration>

Built-In P/T/Z Control

- More than 40 Kinds of Protocols of PTZ control
- Speed Dome Control
- Preset Function

Remote Access (Client)

- Support LAN, WAN, PSTN (Telephone Line), ISDN, XDSL, Cable Modem
- Monitoring, Playback, P/T/Z Control
- Channel Security Available
- Remote Archiving (BMP, JPG, AVI)
- Remote Event Notification (via Network or E-Mail)

Various Backup Mode

- Automated & Scheduled Backup
- AVI Conversion Available
- Watermarking

Superior Search Mode

- Multi-Channel Immediate Search
- Digital Zooming (Whole Image 9 Step)
- Immediate reply by history Log
- Object Scan Available
- Night Vision Function

Other Features

- Display Multiplexing
 - 1 / 4 / 9 / 16
- History Logging
 - By Sensor / By Built-In Motion Detector
 - System Log (Setup, On/Off, Password Change)
- Composite Out
- Remote Setup

Reliability

- Support Windows 2000 / XP
- Digital Watchdog Safety
- Multiplex Mode : Duplex (Recording while Playback)
 - Triplex (Duplex + Transmission)
 - Quadplex (Triplex + Backup)
- MPEG-4 Compression Method

Real-time full-motion video capture & display

- 16 Ch Video Inputs
- Real-time Display Speed : 480fps(NTSC) / 400fps (PAL)
- High-speed recording : 120fps(NTSC) / 100fps(PAL) (Separately adjustable per channel)

Various Recording Mode

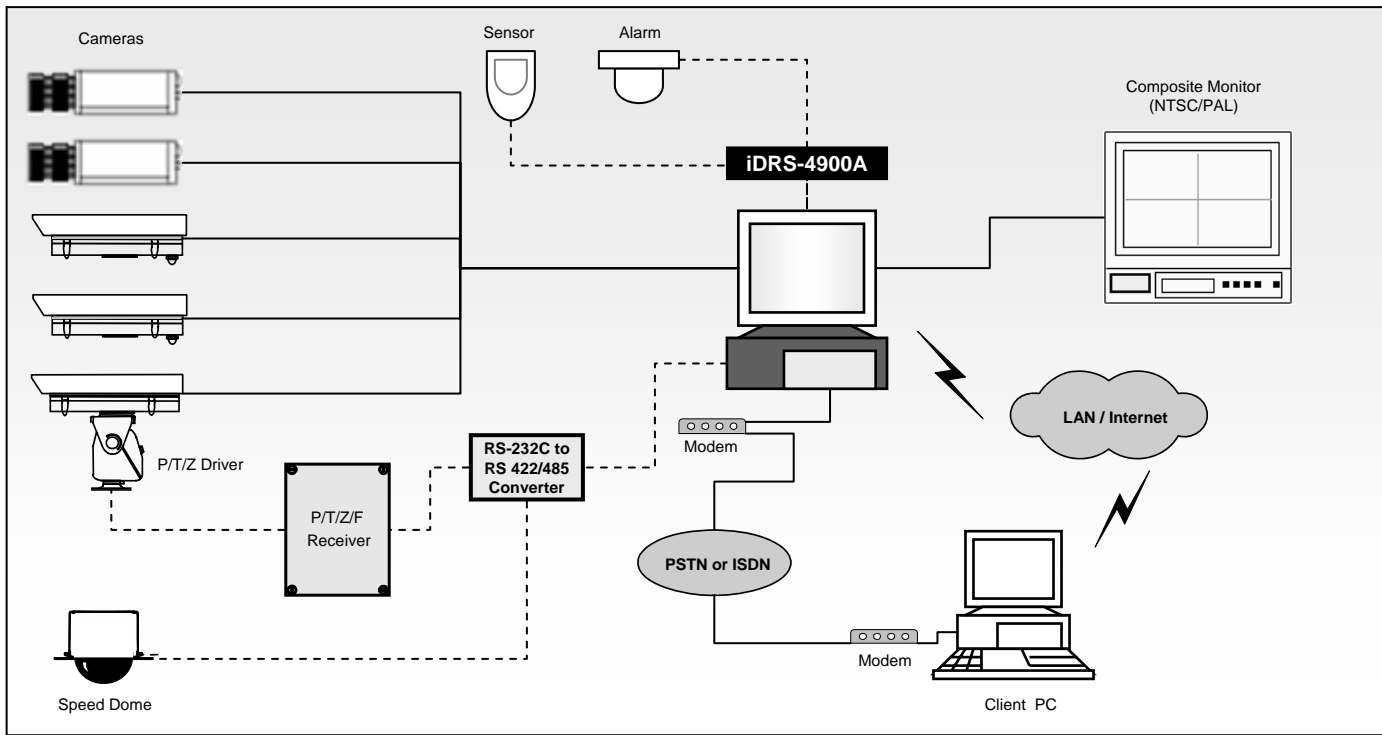
- Continuous Recording Mode
- Motion Detected Recording
 - Whole area or max. 10 detection zones per channel
- External Sensor Detected Recording
 - 8 Sensor Inputs
 - 4 External Alarm Trigger & History Logging
- Post Alarm Recording (1 Sec – 3 Minutes)
- Pre Alarm Recording (1 Sec – 5 Sec)



<iDRS-4900A GUI>



System Configuration



Recommended Hardware Requirements

Item	Requirements
CPU	P4 1.8GHz or Higher
Motherboard	Intel 845 Chipset or Higher
RAM	256MB or Higher
VGA	ATI Radeon 7000 64M or Higher
Others	NIC : 10 / 100 M Modem : 56k (Internal / External) Power Supply : Rated switching power (300W or higher) 19 inch 4-U Rack FDD : 3.5" CD ROM / RW (Option)

Note 1) Above specifications is subject to change without notice, to assure better performances

Note 2) Regarding some parts not presented above, please contact EVT Co.



■ Specifications

Model		iDRS-4900A
No. of Input Channel	Video	16
Video Output	Composite (TV Monitor)	1 (without OSD)
	SVGA (PC Monitor)	1
Speed (Max. Frame Rate)	Display	NTSC : 480fps / PAL : 400 fps
	Recording	NTSC : 120fps / PAL : 100fps
Sensor/Alarm (Digital I/O)	Sensor Input	8
	Alarm Output	4
Display Multiplexing		1 / 4 / 9 / 16
Recording Resolution		352 x 240 / 704 x 240 / 704 x 480
Software Motion Detection		Full area or 10 Rectangular detection zones per Ch.
Frame Size	MPEG-4	1 - 8 KB
Event Recording	Pre-Alarm	1 Sec. – 5 Sec.
	Post-Alarm	1 Sec. - 3 Minutes
Alarm History Logging	By Sensor	Available
	By motion detector	Available
Watchdog Safety		Available
P/T/Z/F Control		Supports over 40 kinds of protocols
Remote Access (Client)	Connection	LAN, internet, PSTN (Telephone Line), ISDN, XDSL, Cable modem
	Function	Setup , Monitoring, Playback, P/T/Z/F Control
	Channel Security	Available
	Remote Alarm Notification	Available via Network (Client and CMS) or E-Mail
	Remote Archiving	BMP, JPG, AVI
Playback	Search / Playback Mode	Multi-Channel Immediate Search
	Digital Zoom	Whole Image 9 Step
	Duplex (Simultaneous Recording)	Available
	Immediate reply by history log	Available
	Object Scan	Available
Backup	Automatic & Manual	Available
	AVI conversion	Available
	Image Watermarking	Available
Operating System		Windows 2000 (Service Pack 4) / XP (Service Pack 2)

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Features and specifications are subject to change without notice.
All non-metric weights and measures are approximate.