

iDRS-Series



iDRS-3000A SERIES

4 Channel (Max. 16 Channel) Real-time Display/Recording Models.



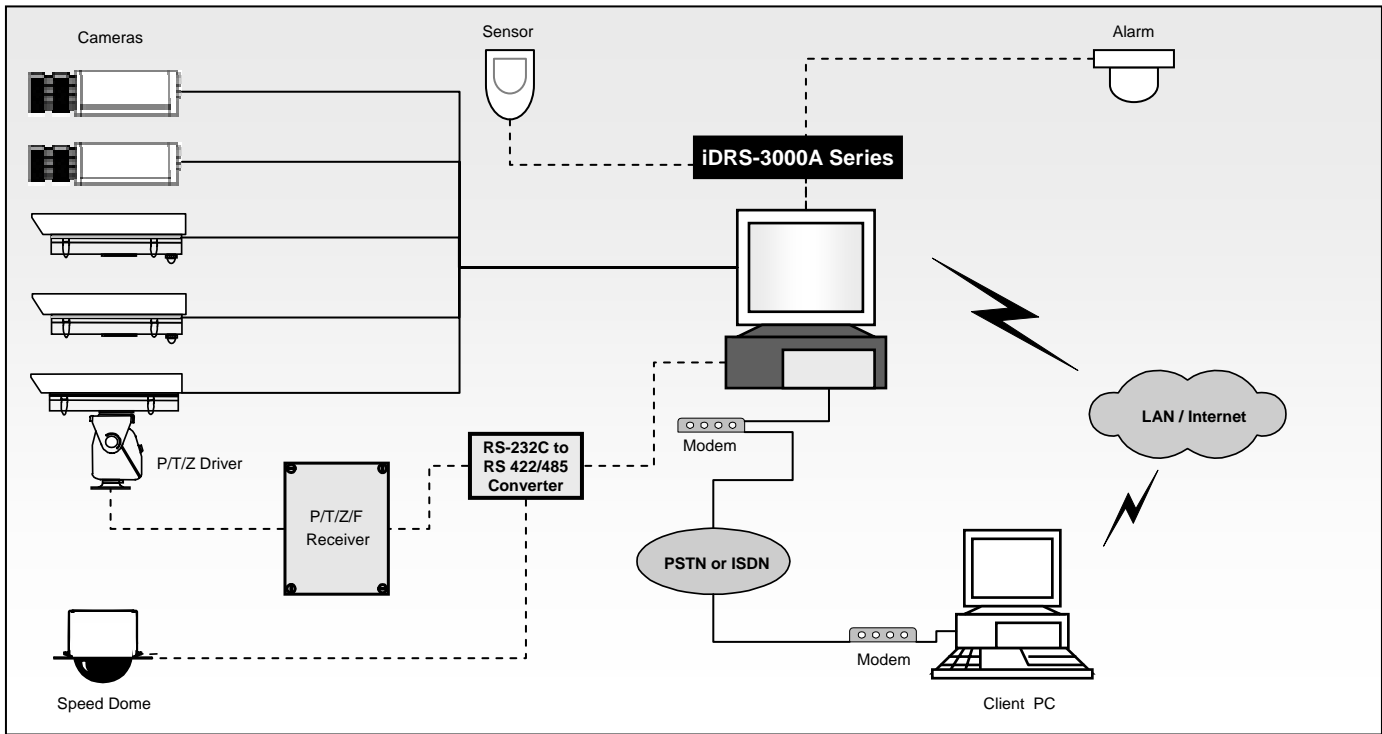
- iDRS-3000A Series are high-end models which supports full-frame realtime display and recording, with utmost image quality and availability for high-resolution recording.

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System Configuration



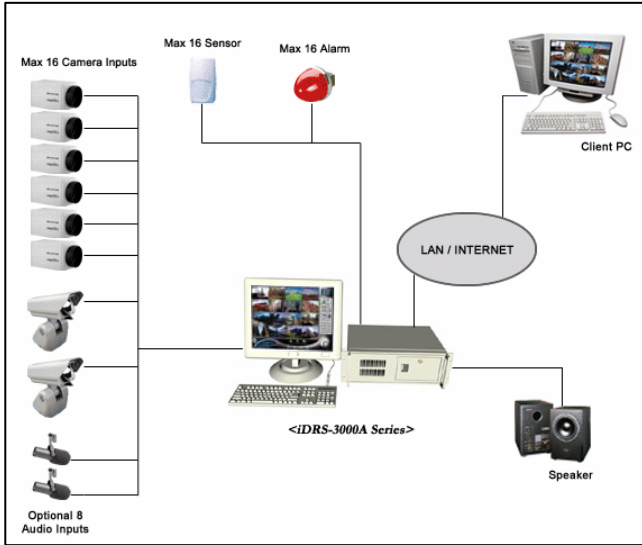
Recommended Hardware Requirements

Item	1 Card System	2 Cards System	3 Cards System	4 Cards System
CPU	P4 1.8GHz or Higher		P4 2.4GHz or Higher	
Motherboard	Intel 845 Chipset or Higher		Intel 845 Chipset or Higher	
RAM	256MB or Higher	512MB or Higher		
VGA	ATI Radeon 7000 64M or Higher		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.



Major Features



<System Configuration>

Built-In P/T/Z Control

- More than 40 Kinds of Protocols
- 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)

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 (Intelligent Search) Available
- Night Vision Function

Other Features

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



<iDRS-3000A Series GUI>

Reliability

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

Real-time full motion video capture & display

- 4 Ch (Max.16Ch) Video Inputs
- Relation Display Speed : 120fps(NTSC) / 100fps (PAL) per Card
- High-speed recording : 120fps(NTSC) / 100fps(PAL) per Card (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 (Max.16) Sensor Inputs
 - 4 External Alarm Trigger & History Logging
- Post Alarm Recording (1 Sec – 3 Minutes)



Specifications

Model		iDRS-3000A	iDRS-3500A	iDRS-3503A	iDRS-3504A
No. of Input Channel	Video	4	8	12	16
Video Output	SVGA (PC Monitor)	1			
Speed (Frame Rate)	Display (NTSC/PAL)	120fps / 100fps	240fps / 200fps	360fps / 360fps	480fps / 480fps
	Recording (NTSC/PAL)	120fps / 100fps	240fps / 200fps	240fps / 200fps	240fps / 200fps
Sensor/Alarm (Digital I/O)	Sensor Input	8	16	16	16
	Alarm Output	4	8	12	16
Display Multiplexing		1 / 4 / 9 / 16			
Max. available no. of Capture cards per system		1	2	3	4
Recording Resolution		320 x 240 / 720 x 480			
Software Motion Detection		Full area or 10 Rectangular detection zones per Ch.			
Compression & Frame Size	MJPEG	6 - 24 KB			
	MPEG-4	1 - 8 KB			
Event Recording	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	Monitoring, Playback, P/T/Z/F Control, Backup			
	Remote Health Checking	Via CMS			
	Channel Security	Available			
	Remote Alarm Notification	Via Network (Client & CMS) and E-Mail			
	Remote Archiving	BMP, JPG, AVI			
Playback	Search / Playback Mode	One-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 / XP			

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