



"Superb Image Quality"
"Excellent Performance & Stability"

Special Functions



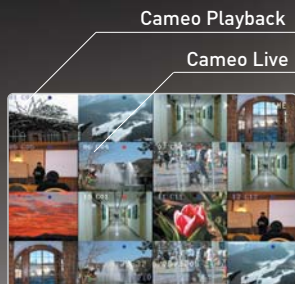
Real-time (480fps) Recording / Playback

Recording and Playing back up to 480fps.



Cameo Live / Playback Function

Live Monitoring and Playback can be performed on a single screen.



e-Map Function

Locating any cameras to any spots on a map in .bit map format by drag & drop / Convenient hot key menu supporting Event Pop-up, Digital Zoom, Video Save and Print.



Front USB Ports and Built-in CD-RW (DVD-RW - option)

Connecting various External devices / Mouse, Memory Stick or External USB HDD.



Mass Storage System up to 1.5TB (1xCD(DVD)-RW, 3xSATA HDDs)

Up to 1.5TB of Internal Storage while using CD-RW or DVD-RW as a backup device.

MPEG-4 Real-Time DVR AT-1600

Major Features

- Real-time(480fps) Display/Recording/Playback
- 4 x SATA (1 x SATA CD or DVD-RW, 3 x SATA HDDs) • 1000Mbps Ethernet
- Pentaplex Operation - Simultaneous Live / Record / Playback / Network / Backup
- Live or Playback selectable per channel on a single screen
- Multiple Video Outputs: 1 Main, 1 VGA, 3 Spot Outputs
- S.M.A.R.T (HDD Health Checking) & NTP(Network Time Protocol)
- User Friendly Graphic menu and Pop-up menu
- Multiple Search Mode and Smart Search Function
- Hidden (Covert) Camera Function
- Multi-site/Enterprise Level Client Software with e-Map and 64ch Monitoring / Remote Configuration / Remote S/W upgrade / Web Browser (Internet Explorer)
- Static and Dynamic IP support / Dynamic DNS Server for Easy Remote Connection



GUI (Graphic User Interface)

- User Friendly Graphic Menu
- Convenient Pop-up Menu
- USB Mouse Control



Live Viewer / Search Viewer

- 64ch simultaneous monitoring and recording
- Cameo Live or Playback per channel
- Timeline Based Search
- Remote Alarm In / Out control
- Remote PTZ control Favorites function



SMS (Server Management Software)

- Remote Event Monitoring • Event Log Management
- Manages Unlimited number of DVRs
- E-Map based Monitoring • Remote Server Configuration Setup
- Remote Server Upgrade (Direct /Event / Schedule /CD Burning)
- Remote Backup and CD Burning
- Extensive Software Development Kit (SDK)



Web Viewer

- Internet Explorer-based Viewer
- Remote Alarm In/Out Control
- Remote PTZ control
- Digital Zoom
- Live Image Print Saving & Printing

MPEG-4 Real-Time DVR AT-1600



Specifications

MODEL		AT-1600
Video Signal		Support NTSC & PAL Standards (Auto Selection)
Operating System		Embedded Linux
Pentaplex Function		Simultaneous Live / Record / Playback / Network / Backup
Video	Input	16
	Output	1 Composite (BNC), 1 VGA 3 BNC (Spot)
	Loop Out	16
Display	Speed	NTSC: 480fps / PAL: 400fps
	Screen	1/4/7/9/10/13/16
Video Compression		Enhanced MPEG-4
Recording	Speed	NTSC: CIF(480fps), HVGA(240fps), VGA(120fps) PAL: CIF(400fps), HVGA(200fps), VGA(100fps)
	Resolution	NTSC: CIF(360x240), HVGA(720x240), VGA(720x480) PAL: CIF(360x288), HVGA(720x288), VGA(720x576)
Serial Interface		RS-485, RS-232C (PTZ, Keyboard, POS)
System Control		PC Mouse, Key Buttons, IR Remote Controller, Keyboard Controller, Client PC
Alarm	In / Out	16 / 4
Audio Channels		4(Basic), 16(Optional)
Display Settings		Brightness, Contrast, Color Adjustments, Hidden/Covert Per Channel
Camera Title		13 Characters per Channel
Recording Modes		Continuous, Schedule, Alarm, Motion, Overwrite
Recording Adjustments		4 Levels of Quality / Recording Frame Rate Adjustment Per Channel
Motion Detection Per Channel		294 Selectable Grids / 5 Sensitivity Levels
Search Modes		Time & Date, Camera, Motion, Alarm, Video Loss
Playback Modes		Forward & Reverse: Pause, Field by Field, Normal Speed, 2x, 4x, 8x, 16x, Panorama, Motion
Power Failure Recovery		Auto Reboot while Maintaining Previous Status
Alarm Notification		Automatic E-mail
System Utility		3-Level Password
Internal Backup Device		CD-RW or DVD-RW
External Backup Device		USB2.0: Memory Stick, External HDD
Mini-player for Backup		Installing dedicated software into PC is not required to playback files from CD or DVD
Communication Port		USB2.0, RS-232C, RS-42/485, 10 / 100 / 1000Mbps Ethernet
Storage Capacity		1 x SATA CD(DVD)-RW, 3 x SATA HDDs(Up to 1.5TB)
Network		LAN, WAN, Internet, PSTN
External Modem Support		RS232C
Remote Client Software		Multi-site / Enterprise Level Client Software or Web Browser
Dimensions		17.3(W) x 17(D) x 3.1(H) : 2U Rack Mount Kit (inches)
Weight		15.4Lb
Power		120W, 90~264 VAC (47Hz~63Hz)
Operating Temperature		32 ~ 104°F

* Specifications are subject to change without any prior notice.

System Configuration

