

Advanced Technology Video, Inc.



Falcon 9 and 16 Channel High Resolution Digital Video Recorder

- Offered in 9 (FA-DVR9) and 16 (FDVR1616) input options
- Multiple Search Engines including date and time, calendar, event
- Records up to 60 NTSC Images per Second (50 PAL Images per Second)
- Continuous Recording in Disk Overwrite Mode
- Continues Recording while Archiving, Transmitting to Remote Site and during Playback
- User-friendly Graphical User Interface (GUI) Menu System
- Two Record Modes (Time and Event)
- Audio Recording and Playback
- Input, Output and Reset Input alarm connections
- Live or Recorded Video Access via Ethernet or Modem
- Compatible with Color (NTSC or PAL) and B&W (CCIR and EIA-170) Video Sources
- Multiple hard drive options 80,120 and 240 gig

FA-DVR16 SPECIFICATIONS

MODELS

FA-DVR16240e
FA-DVR16120e
FA-DVR16080e

Advanced Digital Recorder 16-ch 240G LAN/RAS
Advanced Digital Recorder 16-ch 120G LAN/RAS
Advanced Digital Recorder 16-ch 80G LAN/RAS

FA-DVR9240e
FA-DVR9120e
FA-DVR9080e

Advanced Digital Recorder 9-ch 240G LAN/RAS
Advanced Digital Recorder 9-ch 120G LAN/RAS
Advanced Digital Recorder 9-ch 80G LAN/RAS

VIDEO

Signal Format
Video Input

NTSC or PAL (selector switch)
Composite: 9 or 16 looping inputs, 1 Vp-p, auto-terminating, 75 Ohms

Monitor Outputs

Composite: One, 1 Vp-p, 75 Ohms
SVHS: One

Video Resolution
Playback/Record Speed (images per second)

720x480 (NTSC), 720x576 (PAL)
Simplex 60/60ips (NTSC), 50/50ips (PAL),
Duplex 30/30ips (NTSC, 25/25ips PAL)

INPUTS/OUTPUTS

Alarm Input

9 or 16 TTL, NC/NO programmable, 4.3V threshold, using supplied Alarm I/O Board

Alarm Output

4 TTL open collector, 5mA@12V, 30mA@5V

Alarm Reset Input

1 TTL, 4.3V threshold, using supplied Alarm I/O Board

Network Connectivity

10/100 Mbps Ethernet
RS-232C for external modem

Audio Input

1 RCA input

Audio Output

1 line output

CONNECTORS

Video Input

Composite: 9 or 16 BNC

Video Loop

Composite: 9 or 16 BNC

Monitor Output

Composite: 1 BNC

Audio In

RCA connector

Audio Out

RCA connector

Alarms / RS485

DB-25 male connector (with alarm I/O board)

Ethernet Port

RJ-45

RS232C Serial Port

DB9 (P)

UltraWide SCSI Port

High density female 68 pin connector

USB Port

1 USB 1.1, clip copy

STORAGE

Primary Storage

EIDE hard disk drive (up to 2)

Backup Storage

USB hard disk drive, CD-RW drive or flash drive

GENERAL

Dimensions (W x H x D)

16.9" x 1.7" x 15.7" (430mm x 44mm x 399mm)

Unit Weight

14.3 lbs. (6.5kg)

Shipping Weight

21.1 lbs. (9.6kg)

Shipping Dimensions

21.3" x 12.1" x 20.1"

(W x H x D)

(540mm x 175mm x 510mm)

Operating Temperature

41°F to 104°F (5°C to 40°C)

Operating Humidity

0% to 90%

Power

100 to 240 VAC, 1/2 A, 60/50Hz

Input Voltage

12 VDC

Power Consumption

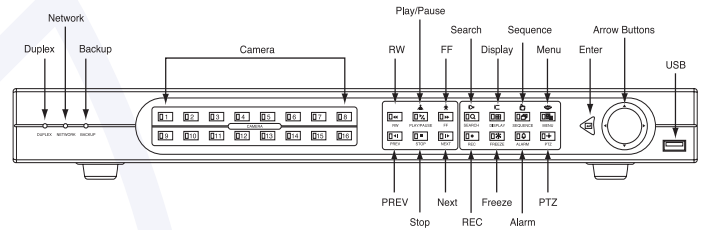
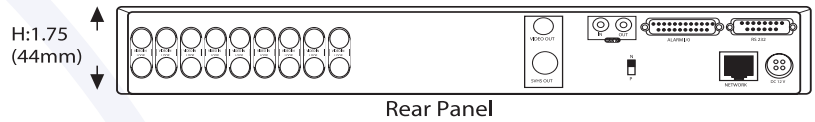
70 Watts Max.

Approval

FCC, CE

Specifications are subject to change without notice.

DIMENSIONS



IRAS Server

Instantly check the status of remote DVR's
Easily administer remote sites
Save remote configurations to a local computer
Simultaneously update multiple remote sites
Perform automatic system checks



IRAS Search

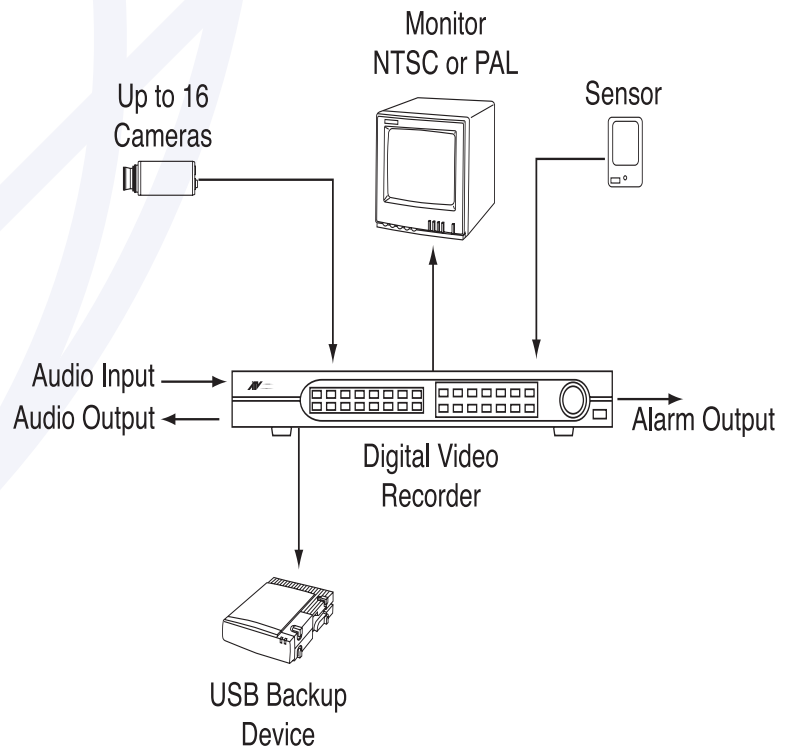
Easily search by Date, Event or Camera
Saves pictures as video or still images
Playback from one site while watching live video from another
Digitally zoom recorded images



IRAS Watch

View virtually any combination of 16 remote locations on a single screen
Sequence through up to 256 remote sites automatically
Pan, tilt and Zoom cameras in real time
Adjust Brightness, Contrast, Saturation and more

SYSTEM DIAGRAM



Advanced Technology Video, Inc.
10940 NE 33rd Place, Suite 101, Bellevue, WA 98004
888/228-7644 Fax 425/284-2952
www.atvideo.com