



FA4516

Advanced Technology Video, Inc.



Falcon™ XR Series

High Performance PC Based Digital Video Recorder

- Display speed of up to 480ips NTSC (400 PAL) on a single, quad, 3+4, 3X3, 2+8, and 4X4 screen
- Recording speed of up to 120 images per second (100 PAL)
- Monitor live video images on the DVR through internet web browser
- Optional ATM/POS interface
- 250 GB hard drive storage, expandable up to 4 hard drives
- Audio recording and playback
- Pentaplex operation, Simultaneous recording, multiscreen viewing, playback, remote monitoring and archiving
- Backup to external SCSI hard disk drives, USB hard disk drive, Jaz drive
- Synchronizes to time server
- Remote monitoring, playback and configuration through LAN, PTSN, and ISDN

FA4516 SPECIFICATIONS

VIDEO

Signal Format	NTSC or PAL (programmable)
Video Input	Composite: 16 inputs, 1 Vp-p, auto-terminating, 75 Ohms
Monitor Outputs	Composite: One, 1 Vp-p, auto-terminating, 75 Ohms VGA: One
Recording Resolution	640 x 480, 640 x 240, 320 x 240, 160 x 120
Display/Record Speed (IPS)	Max. 480ips / 120 ips (100ips / 400 ips for PAL)

INPUTS & OUTPUTS

Alarm Input	16 switch closure or TTL open-collector
Alarm Output	1 relay, 16 TTL
Audio Input	1 line input
Audio Output	1 line output

CONNECTORS

Video Input	Composite: 16 BNC
Video Loop Output	Composite: 16 BNC
Monitor Output	Composite: 1 BNC, 1 VGA
Audio In	1 Line in
Audio Out	1 Line out
Alarms	Terminal Block
Ethernet port	RJ-45
Modem Port	RJ-11 or RS-232
RS232 Serial Port	DB9 (P)
USB Port	USB Connector
Parallel Port	25 (P) D-Sub
SCSI	Standard 68 (P) SCSI II

STORAGE

Primary Storage	EIDE hard disk drives
Secondary Storage	Internal: floppy drive, External: SCSI hard disk drive, USB hard disk drives, Zip or Jaz drive

GENERAL

Dimensions (W x H x D)	19.1" x 7.0" x 15.8" (485mm x 177mm x 400mm)
Unit Weight	24.5lb (11.1Kg)
Shipping Dimensions	23.6" x 11.7" x 21.7" (600mm x 296mm x 550mm)
Shipping Weight	33.1lb (15.0kg)
Power	100 to 220 VAC, 50/60Hz

MISCELLANEOUS

Approvals	FCC, CE, UL
Compatible Options	IDE extension card***, SCSI**, Secondary storage devices

FALCON XR SERIES POS INTERFACE LICENSE

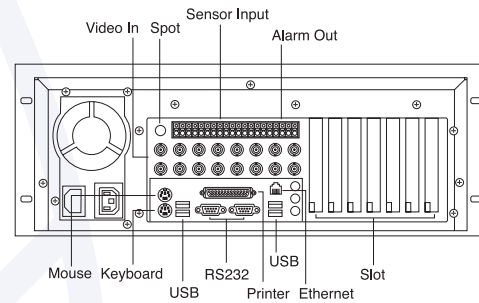
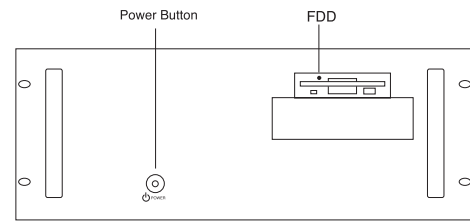
FA-POS1	XR series 1 input POS license (FA-4516 only)
FA-POS4	XR series 4 input POS license (FA-4516 only)
FA-POS8	XR series 8 input POS license (FA-4516 only)
FA-POS16	XR series 16 input POS license (FA-4516 only)

*Four additional hard disk devices may be installed.

** Do not use both IDE extension card and SCSI card at the same time

Specifications subject to change without notice.

DIMENSIONS



APPLICATION DIAGRAM

