FA6016

Advanced Technology Video, Inc.

Falcon™ XR Series

High Performance PC Based Digital Video Recorder

- Play and record speed up to 480 images per second
- 16 audio inputs
- Auto/Manual backup to DVD-RAM, Internal CD-RW and USB hard disk drive
- Monitor live video images on the DVR through internet web browser
- Remote monitoring, playback and configuration through LAN, PTSN, and ISDN
- Pentaplex operation, simultaneous recording, multiscreen viewing, playback, remote monitoring and archiving
- 250 GB hard drive storage, expandable up to 4 hard drives
- Mpeg 4 compression
- Time-lapse, event driven and pre-event recording modes
- 16 channel video loop out
- Synchronizes to time server
- Watchdog software for maximum stability

FA6016 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 / 480 ips (400ips / 400 ips for PAL)

INPUTS & OUTPUTS

Alarm Input	16 switch closure or TTL open-collector
Alarm Output	16 TTL
Audio Input	16 line in
Audio Output	16 TTL

CONNECTORS

Video Input	Composite: 16 BNC
Video Loop	Composite: 16 BNC
Monitor Output	Composite: 1 BNC, 1 VGA
Audio In	Line in 16 RCA
Audio Out	Line out
Alarms	Terminal Block
Ethernet port	RJ-45
Modem Port	RJ-11
RS232 Serial Port	2 DB9 (P)
USB Port	4 USB Connectors
Parallel Port	25 (P) D-Sub
SCSI	Standard 68 (P) SCSI II

STORAGE

Primary Storage	EIDE hard disk drives
Secondary Storage	Internal: CD-RW drive, (included) External: SCSI hard disk drive, USB hard disk drives, Zip drive

GENERAL

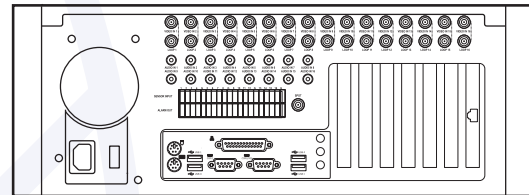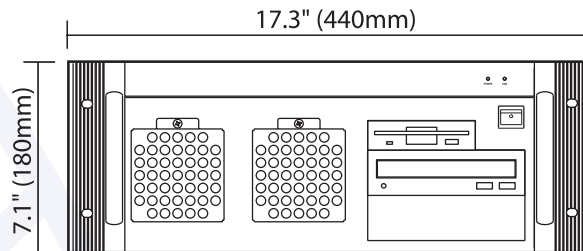|	
Dimensions (WxHxD)	17.3" x 7.1" x 20.0" (440mm x 180mm x 507mm)
Unit Weight	53.4lb (24.2Kg)
Shipping Dimensions	23.2" x 13.4" x 30.7" (590mm x 340mm x 780mm)
Shipping Weight	61.9lb (28.1kg)
Power	100 to 220 VAC, 50/60hHz

MISCELLANEOUS

Approvals	FCC, CE, UL
Composite Options	IDE extension card*[***], SCSI**, Secondary storage devices

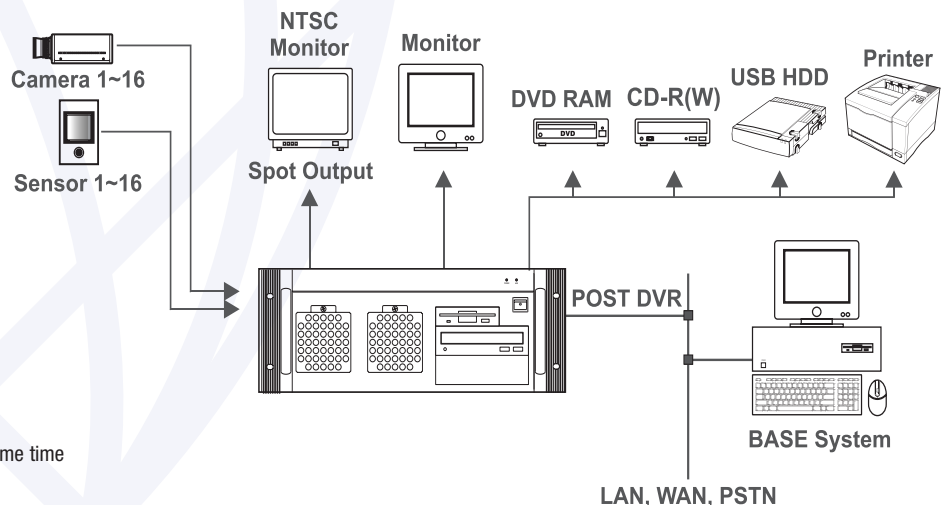*The user can install four additional hard disk drives on the DVR
** Do not use both and IDE extension card and SCSI card at the same time

Specifications are subject to change without notice.

DIMENSIONS

17.3" (440mm)
7.1" (180mm)

SYSTEM DIAGRAM

Camera 1~16
Sensor 1~16
NTSC Monitor
Monitor
DVD RAM
CD-R(W)
USB HDD
Printer
Spot Output
POST DVR
BASE System
LAN, WAN, PSTN