



Advanced Technology Video, Inc.



4 Channel High Resolution Digital Video Recorder

- Records up to 120 NTSC images per second (100 PAL images per second)
- 4 Audio inputs, 1 audio output
- Integrated CDRW with USB port for image archiving
- BNC, SVHS, and VGA monitor output
- Convenient search with jog shuttle dial
- Integrated alarm connections
- User-friendly Graphical User Interface (GUI) menu system
- Remote Ethernet or modem access to live and recorded video
- One button panic record
- 4 looping video inputs
- Programmable video motion detection (VMD)

FA4-120 SPECIFICATIONS

VIDEO

Signal Format	NTSC or PAL (auto detect)
Display Input	Composite: 4 looping inputs, 1 Vp-p, auto-terminating, 75 Ohms
Record Resolution	Standard: 336X224(NTSC), 336X272 (PAL) High: 672X224 (NTSC), 672X272 (PAL)
Monitor Outputs	Composite: One (BNC), 1 Vp-p, 75 Ohms SVHS: One (Y/C) Analog RGB: One (VGA)
Video Resolution	720x480 (NTSC), 720x576 (PAL)
Playback/Record Speed (images per second)	Standard: 120ips (NTSC), 100ips (PAL) High: 60ips (NTSC), 50ips (PAL)

INPUTS/OUTPUTS

Alarm Input	4 TTL, NC/NO programmable, 4.3V threshold
Alarm Output	2 relay out, terminal block, NC&NO, 0.5A @ 125VAC, 1A @ 30VDC
Alarm Reset Input	1 TTL, terminal block
Internal Buzzer	80db at 10cm
Network Connectivity	10/100 Base Ethernet, RS-232C for external modem
Audio Input	4 line in
Audio Output	1 line

CONNECTORS

Video Input	Composite: 4 BNC
Video Loop	Composite: 4 BNC
Monitor Output	Composite: 1 BNC SVHS: 1 Y/C Analog RGB: 1 (VGA)
Audio In	4 RCA connector
Audio Out	1 RCA connector
Alarms	Terminal block
Alarm Reset In	Terminal block
Ethernet Port	RJ-45
RS-232C Serial Port	DB9 (P)
RS-485 Serial Port	4 connector terminal block
USB Port	1 at front (1.1)

STORAGE

Primary Storage	EIDE hard disk drive (up to 3)
Backup Storage	Built-in CD-RW drive USB hard disk drive or USB CD-RW drive

GENERAL

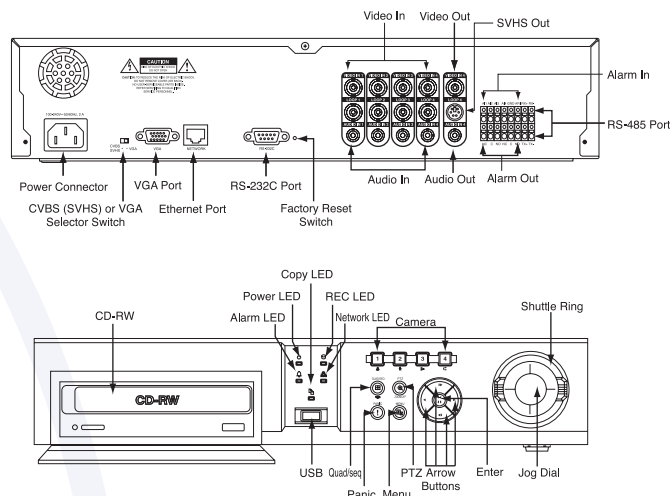
Dimensions (W x H x D)	16.9" x 3.5" x 14" (430mm x 88mm x 355mm)
Unit Weight	17.64 lbs. (8.0kg)
Shipping Weight	22.44 lbs. (10.2kg)
Shipping Dimensions (W x H x D)	21.3" x 10.2" x 19.7" (540mm x 260mm x 500mm)
Operating Temperature	41°F to 104°F (5°C to 40°C)
Operating Humidity	0% to 90%
Power	100-240 V~, 2A, 50/60Hz

APPROVAL

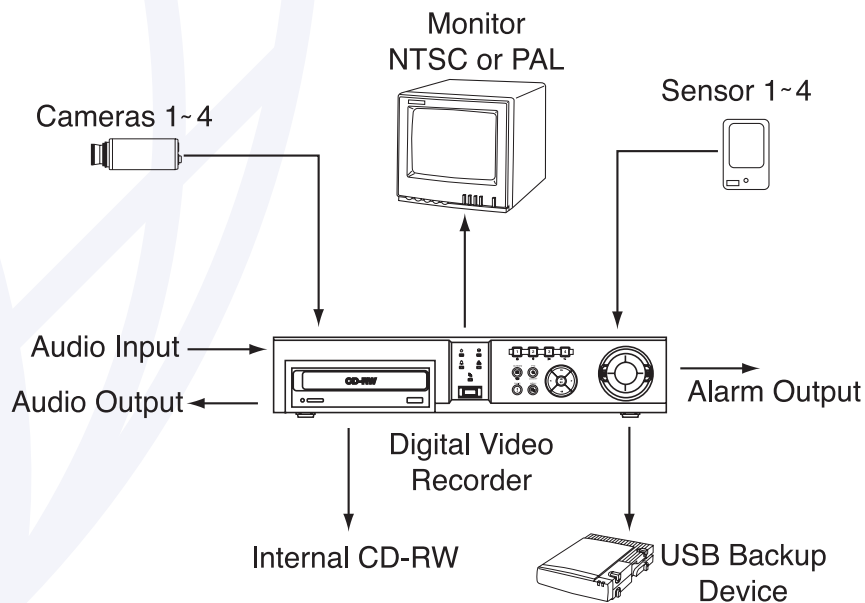
UL, CB, CE, FCC

Specifications subject to change without notice.

DIMENSIONS



APPLICATION DIAGRAM



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