

Advanced Technology Video, Inc.



## Single Channel Digital Video Recorder with Removable Hard Drive

- Single-channel composite or SVHS input and output connections
- Single camera input or multiplexed input from most popular quads and multiplexers
- Multiple search engines (time/date, calendar, event)
- Records up to 60 images per second for NTSC (50 images per second for PAL)
- Looping video connectors
- Continuous recording in disk overwrite mode
- Removable hard disk drive
- Video archiving with USB interface
- Continues recording while archiving, transmitting to remote site and during playback
- Easy to use Graphical User Interface (GUI) menu system
- Two search modes (time and event)
- Audio recording and playback
- Alarm connections include: input, output and reset input
- Live or recorded video access via Ethernet or external modem

# FA1-120 SPECIFICATIONS

## VIDEO

<b>Signal Format</b>	NTSC or PAL (Auto Detect)
<b>Video Input</b>	Composite: 1 Looping, BNC, Auto-terminating SVHS: 1 Y/C
<b>Monitor Outputs</b>	Composite: 1 BNC SVHS: 1 Y/C
<b>Video Resolution</b>	720x480
<b>Playback/Record Speed (images per second)</b>	Standard: 60ips (NTSC), 50ips (PAL) High: 30ips (NTSC), 25ips (PAL)

## INPUTS / OUTPUTS

<b>Alarm Input (AI)</b>	1 TTL, NC/NO programmable
<b>Alarm Output (AO)</b>	1 TTL open collector
<b>Alarm Reset Input (ARI)</b>	1 TTL
<b>One Shot Record (SHOT)</b>	1 TTL
<b>Series In (SRI)</b>	1 TTL
<b>Series Out (SRO)</b>	1 TTL
<b>Trigger Out (TRIO)</b>	1 TTL
<b>Internal Buzzer</b>	80dB at 10cm
<b>Network Connectivity</b>	10/100 Mbps Ethernet (RJ-45)
<b>Remote Control</b>	Standard RS-232C for external modem
<b>Audio Input</b>	RS-485, RS-232C
<b>Audio Output</b>	1 Line

## CONNECTORS

<b>Video Input</b>	Composite: 1 Looping, BNC SVHS: 1 Y/C
<b>Monitor Outputs</b>	Composite: 1 BNC SVHS: 1 Y/C
<b>Audio In</b>	RCA connector
<b>Audio Out</b>	RCA connector
<b>Alarm Input/Output</b>	1/1 Screwless, Pushbutton type, Terminal block
<b>Alarm Reset In</b>	1 Screwless, Pushbutton type, Terminal block
<b>Accessory IO Ports</b>	Screwless, Pushbutton type, Terminal block
<b>Network</b>	RJ-45
<b>RS-232C Serial Port</b>	DB9 (P)
<b>RS-485 Serial Port</b>	Four-connector terminal block
<b>USB Port</b>	One

## STORAGE

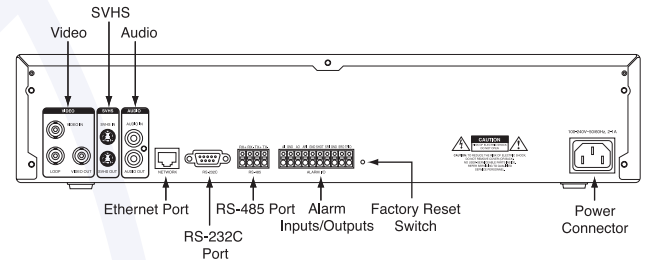
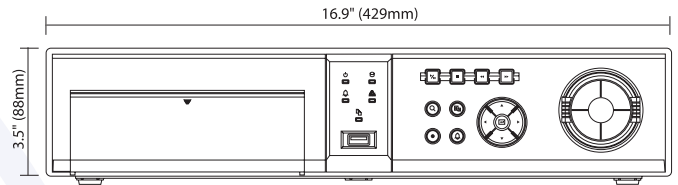
<b>Primary Storage</b>	EIDE hard disk drive (removable)
<b>Secondary Storage</b>	USB

## GENERAL

<b>Dimensions (W x H x D)</b>	16.9 x 3.5 x 14.0 (429 X 88 X 355mm)
<b>Unit Weight</b>	11.2 lbs. (5.1kg)
<b>Shipping Weight</b>	16.3 lbs.
<b>Shipping Dimensions (W x H x D)</b>	21.3 x 10.2 x 19.7 (540mm x 260mm x 500mm)
<b>Operating Temperature</b>	41. to 104. (5° C to 40° C)
<b>Operating Humidity</b>	0% to 90%
<b>Power</b>	100-240 V~, 0.5 A, 50/60Hz, 35W(Max.)
<b>Approvals</b>	FCC, UL, CE, CB

Specifications subject to change without notice.

## DIMENSIONS



## APPLICATION DIAGRAM

