



*Advanced Technology Video, Inc.*



## 16 Channel Digital Video Recorder

- Multiple recording modes: time-lapse, event-driven and pre-event recording
- Dual scheduling
- Various camera displays: single-screen, full screen, quad, 3+4, 3x3, 2+8 and 4x4
- Provides auto/manual backup to DVD-RAM, CD-RW and USB hard disk drive
- PTZ Control: Supports various receivers and dome cameras
- Monitors live video images on the DVR through internet web browser any time from virtually anywhere using the remote web monitoring program
- Time Synchronization: Synchronizes the time between the DVR and any time server
- Audio recording and playback
- Programmable Video Motion Detection
- Remote monitoring, Playback and control through LAN, PSTN and ISDN
- Encrypted
- Password-Protected Access
- Supports most Windows compatible printers
- Archive any video clip as an ".exe" file with self player software
- Programmable Alarm Priority
- Up to 1 minute of pre-event recording
- Email notification: Sends an email when events occur
- Pentaplex operation, simultaneous recording, multiscreen viewing, playback, remote monitoring and archiving
- Records up to 120 ips for NTSC and 100 for PAL
- Watchdog software for increased stability

# PC16-120 SPECIFICATIONS

## VIDEO

<b>Signal Format</b>	NTSC or PAL Programmable
<b>Video Input</b>	Composite: 16 inputs, 1 Vp-p, selectable 75 Ohms or High-z termination
<b>Monitor Output</b>	Composite: One, 1Vp-p, 75 Ohms VGA: One
<b>Recording Resolution</b>	640x480, 640x240, 320x240, 160x120
<b>Display/Record speed</b>	Max. 120ips/120ips (100ips/100ips for PAL)

## INPUTS & OUTPUTS

<b>Alarm Input</b>	16 switch closure or TTL open-collector
<b>Alarm Output</b>	1 relay
<b>Audio Input</b>	One, "line in" or "mic" programmable
<b>Audio Output</b>	One, "line"

## CONNECTORS

<b>Video Input</b>	Composite: 16 BNC
<b>Monitor Output</b>	Composite: 1 BNC : 1 VGA
<b>Audio In</b>	Line in or microphone in
<b>Audio Out</b>	Line out
<b>Alarms</b>	Terminal Block
<b>Ethernet Port</b>	RJ-45
<b>RS232 Serial Port</b>	DB9 (P)
<b>USB Port</b>	4 USB connectors
<b>Parallel Port</b>	25 (P) D-Sub

## STORAGE

<b>Primary Storage</b>	EIDE hard disk drives
<b>Secondary Storage</b>	Internal: DVD-RAM, Jaz drive
<b>Backup Storage</b>	CD-RW

## GENERAL

<b>Dimensions (W x H x D)</b>	16.7" x 6.3" x 17.7" (425mm x 160mm x 450mm)
<b>Shipping Dimensions</b>	21.3" x 12.6" x 21.7" (540mm x 320mm x 550mm)
<b>Unit Weight</b>	25.8lbs. (11.7kg)
<b>Shipping Weight</b>	35.5lbs. (16.1kg)
<b>Power</b>	100 - 127V ~ 6A, 200-240V ~ 3A, 60/50Hz

## MISCELLANEOUS

<b>Operating System</b>	Windows Home Edition
<b>Hardware Components</b>	Intel PIV Celeron, 128 MB PC2100 DDR SDRAM, LG CDRW Drive, 10/100 Intel LAN adapter onboard

Specifications subject to change without notice.

## APPLICATION DRAWING

