



Avalon Compact Networkable 4 Channel Digital Video Recorder

- Four channel Digital Video Recorder with single channel of audio
- Records up to 120 images per second
- Selectable record resolution
- Variable recording speed and quality selectable by camera
- Time-lapse, event and pre-event recording selectable by camera
- User friendly graphical user interface (GUI) with PTZ control
- Integrated USB port for image archiving
- Video and VGA monitor outputs
- IR remote control included
- Integrated point-of-sale (POS) interface
- Quad, full screen and sequential camera views with built-in 2x zoom
- Remote monitoring using TCP/IP or PSTN
- Built-in motion detection, RS-232 text-in, alarm-in and video-loss alarm inputs
- Powerful search function for calendar, date / time, event, and POS query
- Three user selectable security levels
- Chained fingerprint encryption
- Callback (TCP/IP), pager function, or SMTP email
- Compact size - less than 2" tall

360-FA4-C80 Specification

MODELS

FA4-C80 Avalon C series DVR, 4 – chan, 80GB HDD, Networkable, 120/60ips

ACCESSORIES

XDLBB Lock Box
RM-SDR IR Remote Control

VIDEO

Signal Format NTSC or PAL (auto detect)
Video Input Composite: 4 looping inputs
Monitor Outputs Composite: One (BNC), 1 Vp-p, 75 Ohms
Analog RGB: One VGA
Display Resolution 720x480 (NTSC) 720x576(PAL)
Video Resolution 672x224 (NTSC) 672x272(PAL)
Playback/Record Speed 120ips (standard resolution)
(images per second) 60ips (high resolution)

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 1 line level
Audio Output 1 line level

CONNECTORS

Video Input Composite 4 BNC
Video Loop Composite 4 BNC
Monitor Output Composite 1 BNC (selectable CVBS - VGA)
Monitor Output VGA 1 VGA; 15 pin D (selectable CVBS - VGA)
Audio In 1 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)
USB Port 1 front panel (1.1)
IR Port 1 remote control

STORAGE

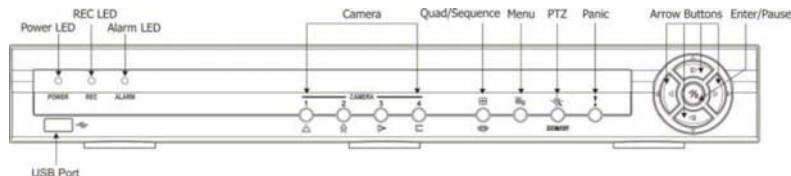
Primary Storage 1 HDD
Backup Storage USB (HDD, CD-RW, Flash Drive)

GENERAL

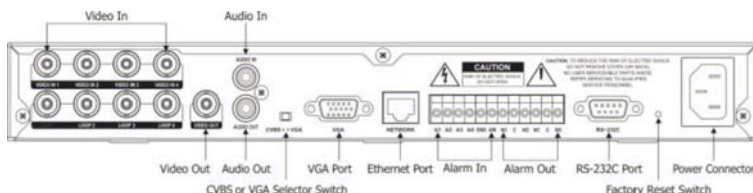
Dimensions 13.38" x 1.81" x 12.20"
(W x H x D) (340mm x 46mm x 310mm)
Unit Weight 7.05 lbs. (3.2kg)
Shipping Weight 9.7 lbs. (4.4kg)
Shipping Dimensions 18.1" x 6.2" x 16.1"
(W x H x D) (460mm x 158mm x 410mm)
Operating Temperature 41°F to 104°F (5°C to 40°C)
Operating Humidity 0% to 90%
Power 100–240 VAC, 0.6A, 50/60Hz

APPROVAL UL, CB, CE, FCC, MIC

Front Panel



Rear Panel



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