



QC4

Advanced Technology Video, Inc.



Real Time 4 Channel Color Quad Processor

- Real time high quality color quad display
- Four camera sequential switcher display
- Both PIP and full screen displays
- Programmable camera skip in sequential mode
- Quadrants and PIP assign function
- On screen display
- Screen freeze capability
- Four alarm inputs, N.C or N.O
- Video loss alarm
- Video loss output (Logic level low)
- Loop-through VCR playback operation
- Two way VCR input and output (BNC or Y/C)
- Digital zoom from a quad to full screen on VCR playback
- Auto-terminating camera in/output
- Selectable display on alarm - Quad or Full Screen
- Remote control (RS-485, RS-232, dry contact)
- Rack mount kit included
- Alarm/Video loss count enabled
- Menu language: English, German, French, Italian, Spanish

Quad Processor

QC4 SPECIFICATIONS

GENERAL

Display Format	Quad , Seq, Full-screen
Power Requirement	12V DC / 1.5A
Dimensions (WxHxD)	17.5" x 1.73" x 13.1" (444.5mm x 44mm x 334 mm)
Weight	5.17 lbs (2.3 Kg)
Ambient Temperature	32°F to 95°F (0°C to 35°C)
Ambient Humidity	10% to 90% (non-condensing)

VIDEO

Signal Format	NTSC: 525 lines / PAL: 625 lines, 2:1 Interlace
Video Inputs	1.0 Vp-p 75 Ohm, BNC(4)
Video Outputs	BNC with switch for changing input impedance automatically. Composite video output from camera (passive loop through).

INPUTS / OUTPUTS

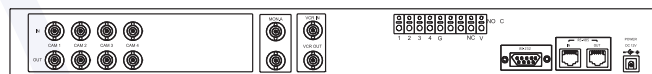
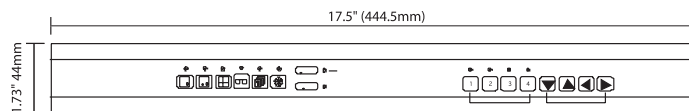
VCR Input	1.0 Vp-p, 75 Ohm, BNC
VCR Output	1.0 Vp-p, 75 Ohm, BNC
Monitor A Output	1.0 Vp-p, 75 Ohm unbalanced, BNC, OSD
Monitor B Output	1.0 Vp-p, 75 Ohm unbalanced, BNC, OSD
Pixel Resolution	720 x 480 pixels (NTSC) / 720 x 576 pixels (PAL)
Shades of Gray	256
Colors	16.7 Million
Display Rate	Real Time Refresh Rate (60/50 Field Per Second Per Quadrant)
Alarm Inputs	Normally Open or Normally Closed (Programmable), Terminal Strip
Alarm Outputs	Form C Dry Contact, Terminal Strip
Video Dwell	OFF, 01 to 99 seconds programmable
Video Loss Alarm	OSD Display ("L"), Buzzer, and Relay
Freeze Annunciation	OSD Display ("F")
Annunciation	Alarm Buzzer (On/Off)
Camera Titles	Eight characters per Camera

ALARM

Camera Alarm Input	Four inputs with individual polarity selection. Activated by contact closure or TTL/CMOS signal
Alarm Output	Two N.O and N.C contacts with shared common. 1.0A at 24 VDC (resistive only)
Alarm Hold Time	20 seconds (default). Programmable 00 to 99 seconds.
Alarm Buzzer	On/Off programmable
Relay	On/Off programmable

Specifications subject to change without notice.

DIMENSIONS



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