



## ADQUAD47 and ADQUAD87 Series

### PREMIUM DIGITAL QUADS



The ADQUAD47 and ADQUAD87 Series offer the industry's highest resolution, enhanced playback features, and the operational functions that users want most. These premium quads offer the performance, flexibility and control demanded by today's security professionals.

View up to four live cameras simultaneously, sequence through all or selected cameras, or select one camera for full-screen display while recording to VCR or DVR in quad format. On playback, zoom image up to 2x, freeze frame and enhance images for detailed event analysis.

Comprehensive alarm features include full screen display of alarmed camera, programmable duration, alarm disable, alarm output and audible alert. Quickly access time, date, camera title and other functions via two-screen setup menu. Remote control of up to nine quads is easy via RS-232.

Unmatched picture clarity, premium features, and superior performance, have made the premium Digital Quads the industry choice for years.

## FEATURES

- View up to four live cameras simultaneously in quad screen, one camera full screen or sequenced images on live display monitor
- View real-time images on live monitor while recording to VCR
- Unmatched clarity with 1024 x 512 high resolution digital pixel images to display monitor and VCR
- Automatic sequential switching with variable dwell and camera selection
- Easy setup and operation via front panel push-button controls
- 30 fields/second real-time refresh rate
- Enhanced playback allows use of freeze frame or enhanced 2x zoom for examination of recorded events
- Time, date and camera title displays on both live monitor and recorded image
- Conveniently control up to nine quads remotely
- Comprehensive alarm features plus universal alarm, remote connectors, video loss indication and security lockout

**SPECIFICATIONS**

**Model Numbers**

ADQUAD47 .....4 channel, B/W, EIA version  
 ADQUAD47-1 .....4 channel, B/W, CCIR version  
 ADQUAD87 .....4 channel, color, NTSC version  
 ADQUAD87-1 .....4 channel, color, PAL version

**Operational**

Video Standard  
     NTSC/EIA ..... 525 lines, 60 fields/second  
     PAL/CCIR ..... 625 lines, 50 fields/second  
 Video Input .....Four, 1.0 Vp-p, composite video  
 Monitor Output .....1.0 Vp-p, composite video  
 VCR Input .....1.0 Vp-p, 75 Ω, BNC  
 VCR Output .....1.0 Vp-p, composite, 75 Ω, BNC  
 Video Resolution .....1024 x 512 pixels full screen to display and  
     VCR 8 bit luma, 256 shades of gray  
     24-bit chroma, over 16 million colors on  
     palette (MV87 series only)  
 Display Rate .....Real-Time, 30 fields per second  
 Alarm Input .....Four, programmable as normally open or  
     normally closed, enable/disable  
 Alarm Output .....Form C, 2A @ 30 VDC or 1A @ 125 VAC,  
     Resistive  
 Alarm I/O Connector .....One, DB9  
 Alarm Duration .....Programmable 1 second to 59 minutes or  
     continuous, 4 second default  
 Operating Power .....12 VDC, 10 watts, 2.1 mm pin jack

**Mechanical**

Unit Weight .....1.8 kg (3.9 lbs)  
 Shipping Weight .....3.2 kg (7.0 lbs)  
 Dimensions .....44 x 216 x 311 mm  
     (1.75 x 8.5 x 12.25 in)  
 Operating Temperature .....0° to 45° C (32° to 113° F)

**Regulatory**

Emissions .....FCC Part 15, Subpart B, Class B  
     EN55022 Class B  
 Immunity .....EN50081-1, EN61000-3-2, -3-3  
     EN50082-1, IEC1000-4-2, -4-3, -4-4  
 Safety .....EN60950 (1992), Amendments 1 and 2

**Accessories**

RM06 .....Single Rack Mount Kit  
 RM07 .....Dual Rack Mount Kit

**Basic System Diagram**

