



ADQUAD27 and ADQUAD77 Series

STANDARD DIGITAL QUADS



The ADQUAD27 and ADQUAD77 Series Standard Digital Quads provide live display options during quad recording, comprehensive alarm capabilities, and the operational functions that users want most. These 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.

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.

Simple operation, superior performance and all the right features make American Dynamics Robot family of Standard Digital Quads the value driven choice.

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 512 x 512 high resolution digital pixel images to display monitor and VCR
- Automatic sequential switching with variable dwell and camera selection
- 30 fields/second real-time refresh rate
- Easy setup and operation via front panel push-button controls
- Time, date and camera title displays in quad mode and on live monitor and playback
- Adjustable video gain control for each camera to maximize image quality
- Comprehensive alarm features plus universal alarm, video loss indication, and security lockout

SPECIFICATIONS

Model Numbers

- ADQUAD27 4 channel, B/W, EIA version
- ADQUAD27-1 4 channel, B/W, CCIR version
- ADQUAD77 4 channel, color, NTSC version
- ADQUAD77-1 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
 - ADQUAD27 and ADQUAD27-1 .. 512 x 512 pixels full screen to display and VCR 8 bit luma, 256 shades of gray
 - ADQUAD77 and ADQUAD77-1 .. 1024 x 512 pixels full screen to display and 24-bit chroma, over 16 million colors on palette
- 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 0 seconds 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

