AMERICAN™ DYNAMICS

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.
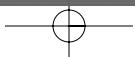
FEATURES

- 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

tyco / Safety Products

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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

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