

15" Dual Page Color Quad Observation Monitor



General Operation

The A-O15QC monitor is an 8-channel Color Observation monitor with a built-in 2-page QUAD processor. The 2-page or Dual-page Quad capability allows viewing of up to eight individual camera locations. The cameras are viewed full-screen, sequentially, on alarm, full screen Quad or sequentially in a two-page Quad mode. The first of the two quad screens; Quad A displays cameras 1-4, and Quad B displays cameras 5-8. An on-screen menu for programming is easily navigated using the front panel controls and allows system programming of date/time, camera titles, alarm setup, sequence setup, picture adjust, and password options. The monitor provides a separate VCR output and input for use with a single channel DVR or VCR. An additional video output is provided for use as a spot monitor output permitting a view of the quad video as displayed on the main monitor on a second video monitor.

Camera Selection

The monitor is provided as a monitor-only solution, and supports a wide range of camera options including full-body, compact, interior domes, vandal domes, motorized Pan / Tilt domes, environmental housing cameras and various bullet style cameras. The cameras are ordered separately. The monitor provides eight RJ-11 camera inputs for observation cameras and eight BNC inputs. Looping video outputs are provided for video camera connection to spot monitors, DVRs or other CCTV equipment. The motorized P/T dome control is accomplished through the front panel and eliminates the need for a wired remote dome controller.

Two-Way Audio

The Dual-page Quad monitor allows for the integration of multiple door-videophone cameras, permitting a call-function from the videophone location. The use of the built-in microphone, speaker and talk button features on the monitor allow the operator to communicate with someone at the videophone or camera location.

Alarm Functions

The Dual-page Quad interfaces with normally open (N.O.) and normally closed (N.C.) alarm devices connected to the camera's accessory port. When an alarm is activated, the camera corresponding to the alarm input is programmed to be displayed full-screen, in a quad mode or the screen can remain unchanged. An audible buzzer and an alarm output relay may be associated with the event with the relay programmed to change state for the duration of the alarm dwell time. The alarm dwell is adjustable within the system programming setup. The operator may acknowledge and silence the alarm by pressing any button the front panel of the monitor.

Video Recording

The Dual-page Quad monitor provides the end-user with the ability to record up to eight cameras full-screen using a multi-channel digital recorder connected to the looping video outputs or a 2-page quad sequentially switching video signal may be recorded using a single channel digital video recorder or VCR.

Features

- 15" Color Dual (2-Page) Quad Monitor
- Eight Camera Inputs (RJ11 and BNC)
- Eight Video Looping Outputs (BNC)
- Separate Quad Video Signal Output (BNC)
- High Clarity Flat-Screen Color Monitor
- Full Screen Display - Internal Eight Camera Sequential Switcher Display
- Quad Display – Each Quad (A/B) Screen and 2-Page Quad Sequential Switcher Display
- Programmable Camera Skip in Sequential Mode
- Quadrant Assignment Function
- On Screen Display (OSD)
- Screen Freeze Capability (Quad Mode)
- Eight Alarming Inputs, N.C or N.O.
- Video Loss Alarm
- Single-Channel DVR / VCR Inputs and Outputs
- Internal Front Panel Pan Tilt Camera Control
- Over Scan Function (20% In Full-Screen)
- Selectable Display On Alarm – Quad or Full-Screen.
- User Friendly Programming Menu
- Key Lock / Menu Password
- Alarm / Video Loss Count
- Time and Date Stamp

NOTE: This monitor only supports a maximum of 4 SDN650 cameras.

Ordering Guide:

A-O15QC	15" Color Dual-Page 8-Camera Observation Monitor
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Specifications

Picture Tube	15" diagonal Flat-Screen CRT, 90° deflection angle
Resolution	500 TV lines at center
Display Rate	Real-time refresh rate (60 fields per second)
Video Format	NTSC
Camera Video / Audio Input	(8) RJ-11E / (8) BNC, 1.0Vp-p 75 Ohms terminated, audio line level, (1) internal condenser microphone
Video / Audio Output	(8) BNC, 1.0Vp-p 75 Ohms terminated, audio line level, (1) internal speaker
QUAD Video Output	(1) BNC, 1.0Vp-p, 75 Ohms
VCR Audio / Video Input / Output	(1) RJ-11E / BNC, 1.0Vp-p 75 Ohms terminated, audio line level
Front Controls	CA 1-8, SEQ, QUAD, FREEZE, VCR, TALK, P/T, ZOOM, SEL, MENU, UP/DOWN/LEFT/RIGHT, POWER (CRT)
Back Controls	POWER (system)
Power Requirements	100-240VAC, 60Hz, 1.5A
Power Consumption	110W max (with 8 cameras)
Ambient Temperature	32° - 86°F (0° - 30°C)
Ambient Humidity	10% - 90% (non-condensing)
Dimensions (WxHxD)	14.2" x 13.5" x 15" (362.2 mm x 342.5mm x 381mm)
Weight	34.4 lbs (15.61 kg)

Specifications are subject to change without notice.

Color Cameras

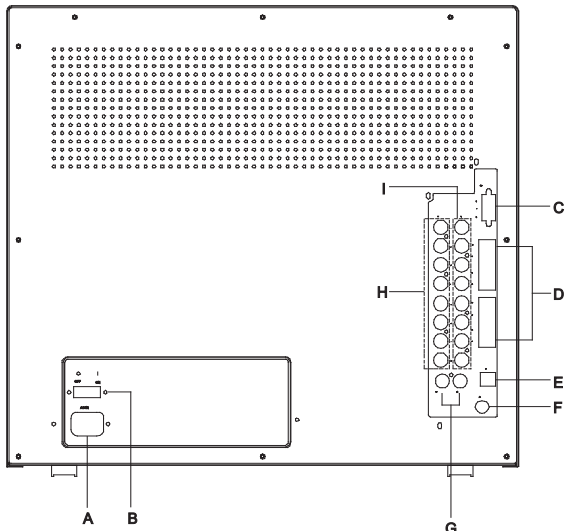
A-C4CPS	Color, compact plastic camera with 4 and 8mm lens
A-CC540TDN	Color, 540 TVL, full body camera with 3.3-8mm vari-focal lens
A-CF540	Color, 540 TVL, fixed dome camera, 4-9mm vari-focal lens
A-CV540	Color, 540 TVL, vandal housing, fixed dome, dc auto iris, 4-9mm vari-focal
A-CC42PIR	Color, covert, non-working PIR housing, 4mm
A-DC4C	Color Video Door Cam, 2-way Intercom
A-DS1C	Color, 5"-dia, motorized Pan/Tilt dome camera
A-S230CWX	Color bullet, 3.6mm, 380 TVL, 23mm dia
A-S35CNV	Color outdoor Day/Night IR bullet camera, 6mm lens, 380 TVL
A-CK540HB	Color Outdoor 540 TVL camera & housing, 5-60mm vari-focal, auto iris lens, heater/blower, power supply and cable
CC48HS	Camera, color, covert, height-strip housing, 480 TVL, 3.7mm, RJ11

B/W Cameras

A-C3BPS	B&W, compact plastic camera with 4 and 8mm lens
A-CB38PIR	B&W, covert, non-working PIR housing, 4mm
A-DS1B	B&W, 5"-dia, motorized Pan/Tilt dome camera
A-S190SWX	B&W bullet camera, 3.6mm lens, 420TVL

Accessories

A-CDVR80	Single channel digital recorder w/80GB HDD
A-V960TLJ2	30-, 168-, 960 hour VCR w/Jog Shuttle
A-A2POS	3' Cash Register to camera interface adapter
A-LA800	Line Amp for camera cable run over 300'
A-A18C	60' camera cable
A-A30C	100' camera cable
A-A60C	200' camera cable
A-A90C	300' camera cable
A-AB50C	50', slave / PVM cable, BNC to BNC
A-SDR401E-80	DVR, 4-ch, 1-ch audio, 120-ips, USB archive, RS232, TCP/IP
A-SDR410E-160A	DVR, 4-ch, 4-ch audio, 120-ips, CD-RW, RS232, TCP-IP
A-DC800/A-AB800	Door Controller / Action Box
A-BM1415	Mount, monitor, ceiling/wall for 15" monitor



- A AC IN Socket
- B MAIN POWER
- C ALARM OUT
- D CA1-8 RJ11 CAMERA INPUT
- E VCR IN/OUT
- F QUAD OUT
- G VCR IN/OUT
- H CA1-8 CAMERA OUT (RJ11, BNC)
- I CA1-8 BNC CAMERA INPUT