

8 Camera MUX Observation Monitor



A-O21CMUX8

Product Summary

The A-O21CMUX8 observation monitor features a built-in 8-channel multiplexing processor. The monitor provides 8 RJ-11 camera inputs for observation cameras and 8 BNC inputs and looping-outputs for coaxial cameras. An on-screen menu for programming can be easily navigated using the included IR remote or serial mouse. Event recording using the internal video motion detection can be scheduled for each camera. Triplex operation provides multi-screen live and playback viewing and when used with a second recording device will provide simultaneous recording. A spot monitor output provides customized public view monitoring. Motorized dome control through the front panel eliminates the need for a wired remote dome controller.

Two-Way Intercom Operation

The multiplexing observation monitor allows for the integration of multiple door video phones. The feature allows the operator to communicate with someone at the remote camera/intercom location.

Alarm Functions

The multiplexing observation monitor will interface 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 is displayed full screen, 3x3 or remain unchanged. The record output is set independently and can output an interleaved alarm image, constant 3x3, or remain unchanged. An audible buzzer can be associated with the event and an alarm output relay may be 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 the alarm by pressing any button except the Menu button on the front panel of the monitor.

VCR and DVR Recording

The multiplexing observation monitor provides the end-user with the ability to record up to eight cameras full-screen using a multi-channel digital recorder or an 8-camera multiplexed video signal using a single channel digital recorder or VCR.

Features

- New Technology 21" Color Flat Screen CRT.
- Full triplex operation allows simultaneous live viewing and playback, and if used with a second recording device will provide simultaneous recording.
- Forty-six user-selectable display formats.
- Spot monitor output.
- On-screen display includes date, time, sequence, freeze, alarm, motion detection, video loss, audio channel, Pan/Tilt camera, action box, histogram, and 12-character camera titles.
- Programmable alarm schedule.
- Internal video motion detection.
- Nonvolatile program memory saves all user settings and protects them against power outages.
- VCR switch pulse input for synchronization with VCRs having switch pulse feature.
- 32X Digital Zoom.
- Includes Mouse and IR Remote Control.
- Front Panel button controls Motorized Pan/Tilt Dome Camera.
- Action Control for opening a door remotely using an optional action box.
- Camera histogram equalizer to increase image contrast.
- Selectable VCR output for multiplexing mode or main monitor video.
- 256-event alarm history log.

Ordering Guide

A-O21CMUX8 21" Color MUX 8 Camera Observation Monitor

Specifications

Video Monitor

21" Diagonal Color NTSC

Video Resolution

400 TVL (center)

Video Inputs

8-RJ-11 & BNC camera inputs
1-RJ-11 & BNC VCR inputs

Video Output

8-BNC looped camera outputs
1-RJ-11 & BNC VCR outputs
1-BNC Spot Output
1-BNC Main output

Audio Inputs

8-camera inputs
1-internal condenser mic

Audio Output

8-camera outputs
1-VCR output
1-internal speaker

Dimensions (W x H x D)

19.3" x 17.4" x 18.7"

Weight

68.34 lbs (31 Kg)

Power

120 VAC, 150 Watt

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-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-V960TLJ2	30-, 168-, 960 hour VCR w/ Jog Shuttle
A-DC800/A-AB800	Door Controller / Action Box
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' cable, BNC to BNC
A-BM2021	Mount, monitor, ceiling/wall for 21" monitor