



## AD9421A

### 21-INCH COLOR MONITOR



The AD9421A is a high performance, 21-inch, color video monitor that's perfect for video surveillance and security applications. The large screen makes this monitor ideal for use with color quads and multiplexers, allowing you to see details in 2 x 2, 3 x 3 and 4 x 4 formats. The monitor's Y/C input makes it compatible with S-VHS video recorders.

The unit is able to automatically detect PAL or NTSC format.

Two looping audio input pairs with embedded speakers allow for a direct connection with audio devices.

The monitor contains a latching power switch, which remains in its set position – either on or off – regardless of incoming power status. Therefore, the monitor does not have to be physically turned back on after a power loss.

### FEATURES

- Over 450 TV lines Y/C resolution
- Over 350 TV lines composite resolution
- NTSC or PAL auto detect
- Auto termination
- Comb filter for enhanced picture quality
- Universal power supply
- Three looping video input pairs (2 composite, 1 Y/C)
- Perfect for use with color quads and multiplexers
- Two looping audio input pairs
- Convenient front panel controls
- Heavy-duty metal cabinet
- Latching power switch

## SPECIFICATIONS

### Model Number

AD9421A ..... Monitor, Color, 21 in, 350 TV lines composite (450 TV lines Y/C), NTSC/PAL

### Operational

Picture Tube ..... 53.34 cm (21 inch) diagonal, 90° deflection, flat-square type CRT  
 Resolution ..... 450+ TV lines Y/C  
 350+ TV lines composite NTSC/PAL  
 Comb Filter ..... Internal  
 Video Input Level ..... 1.0 Vp-p, composite NTSC/PAL  
 Impedance ..... HiZ/75 Ω, auto termination  
 Audio Output ..... 1.0 watt

### Front Panel Controls

Phase (Tint) ..... Adjusts picture to obtain most natural colors (skin tones), NTSC only  
 Chroma (Color) ..... Adjusts depth of saturation of color  
 Brightness ..... Adjusts overall shading of picture and establishes picture brightness  
 Contrast ..... Adjusts relationship between light and dark areas of picture  
 Sharp ..... Adjusts sharpness of picture  
 Volume +/- ..... Adjusts volume higher and lower  
 Video A ..... Selects video input A  
 Video B ..... Selects video input B  
 Power ..... Turns monitor on and off

### Connectors

Video A & B ..... Two sets of BNC pairs for loop-through operation with auto termination  
 Audio A, B & C ..... Three sets of 2 RCA connectors for loop-through operation  
 Y/C Connector ..... Four pin Mini-DIN pair for loop-through operation  
 AC Input Connector ..... IEC 320 type connector for AC input

### Power Cables

North American ..... NEMA 5-15P, UL, CUL  
 Continental European ..... CEE 7/7, GS\*  
 \*UK and Australian power cords ordered separately.

### Electrical

Supply Voltage ..... 120 - 230 VAC (50/60 Hz), ±10%  
 Power ..... 70 watts

### Mechanical

Dimensions (H x W x D)  
 Cabinet ..... 44.4 x 49 x 48.2 cm  
 (17.48 x 19.29 x 18.98 in)  
 Unit Weight ..... 25 kg (55 lbs)  
 Shipping Weight ..... 28 kg (61.8 lbs)  
 Color ..... Black  
 Construction ..... Metal cabinet

### Environmental

Operating Temperature ..... 0° to 40° C (32° to 104° F)  
 Humidity ..... 0 to 90% RH (non-condensing)  
 Storage Temperature ..... 0° to 40° C (32° to 104° F)

### Regulatory

Emmissions ..... USA/FCC: Part 15, Subpart B, Class A  
 CE: EN55022  
 EN61000 -3-2  
 EN61000 -3-3  
 Canada: ICES-003 (Class A)  
 Meets Australia/New Zealand EMC  
 Immunity ..... CE: EN50130-4  
 Safety ..... UL: UL1492  
 CSA: 22.2, No. 950  
 CE: EN60065: 1998  
 DHHS: Rules 21 CFR, Subchapter J ROV