



## AD9517B

17-INCH COLOR MONITOR



### FEATURES

- Over 750 TV lines Y/C resolution
- 450 TV lines composite resolution
- NTSC or PAL auto detect
- Universal power supply
- Three looping video input pairs (2 composite, 1 Y/C)
- Perfect for use with color quads and multiplexers
- Comb filter for enhanced picture quality
- Two looping audio input pairs
- Rack mount (optional)
- Convenient front panel controls
- Heavy-duty metal cabinet
- Latching power switch
- 5% under scan allows viewing of complete picture

The AD9517B is a high performance, 17-inch color video monitor with high-resolution capabilities – ideal for video surveillance and security applications. The 750+ TV lines resolution (Y/C input) and 450 TV lines of resolution (composite input) make 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.

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

The monitor's Y/C input makes it compatible with S-VHS video recorders. The unit is able to automatically detect whether PAL or NTSC video format is connected, and the integral universal power supply makes the monitor suitable for worldwide use.

The monitor's heavy-duty metal cabinet enables it to be mounted in standard 19-inch EIA racks (using the optional rack mount kit). This allows it to be easily incorporated into video monitoring systems and surveillance applications.

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.

## SPECIFICATIONS

### Model Number

AD9517B ..... Monitor, Color, 17 in, 280 TV lines composite, (>750 TVL Y/C), NTSC/PAL

### Operational

Picture Tube ..... 43.18 cm (17 inch diagonal), 90° deflection, flat-square type CRT  
 Resolution ..... >750 TV lines Y/C  
 450 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  
 Menu ..... Provides access to the on screen set-up menu  
 Volume +/- ..... Adjusts volume higher and lower  
 Video A ..... Selects video input A  
 Video B and Y/C ..... Selects between composite video B and Y/C input  
 Under Scan ..... Switches between normal and under scan  
 Power ..... Turns monitor on and off

### Connectors

Video A & B ..... Two sets of 2 BNC connectors for loop-through operation with auto termination  
 Audio A & B ..... Two 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 ..... 75 watts

### Mechanical

Dimensions (H x W x D)  
 Cabinet ..... 33.4 x 39.5 x 41.81 cm  
 (13.15 x 15.55x 16.46 in)  
 Rack Mount ..... 39.9 x 48.3 x 40.64 cm  
 (15.75 x 19 x 16 in)  
 Unit Weight ..... 19.6 kg (43.21 lbs)  
 Shipping Weight ..... 20.4 kg (44.97 lbs)  
 Color ..... Black  
 Construction ..... Metal cabinet

### Environmental

Operating Temperature ..... 0° to 40° C (32° to 104° F)  
 Humidity ..... 20 to 80% RH (non-condensing)  
 Storage Temperature ..... -25° to 50° C (-13° to 122° F)

### Regulatory

Emissions ..... USA/FCC: Part 15, Subpart B, Class B  
 CE: EN55022  
 EN61000 -3-2  
 EN61000 -3-3  
 Canada: ICES-003 (Class B)  
 Meets Australia/New Zealand EMC  
 Immunity ..... CE: EN50130-4  
 Safety ..... UL: UL1950  
 CSA: 22.2, No. 950  
 CE: EN60950: 2000  
 DHHS: Rules 21 CFR, Subchapter J ROV

### Accessories

AD9517RK ..... Rack Mount Kit