

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

AMERICAN DYNAMICS

AD9517B

17-INCH COLOR MONITOR

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

	Adjusts picture to obtain most natural olors (skin tones), NTSC only
Chroma (Color) A	adjusts depth of saturation of color
Brightness A	adjusts overall shading of picture and
	stablishes picture brightness
	Adjusts relationship between light and
d	lark areas of picture
MenuP	Provides access to the on screen set-up
n	nenu
Volume +/	Adjusts volume higher and lower
Video A	Selects video input A
	Selects between composite video B and
Y	V/C input
Under Scan S	witches between normal and under scan
Power	Curns 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

EmissionsU	JSA/FCC: Part 15, Subpart B, Class B
C	CE: EN55022
E	CN61000 -3-2
E	N61000 -3-3
C	Canada: ICES-003 (Class B)
N.	Meets Australia/New Zealand EMC
Immunity C	CE: EN50130-4
Safety U	JL: UL1950
C	CSA: 22.2, No. 950
C	CE: EN60950: 2000
D	OHHS: Rules 21 CFR, Subchapter J ROV

Accessories

AD9517RK	 Rack Mount Kit