

# COLOR VIDEO MONITORS

Monitors using P22 phosphor materials, for video signals of 1V P-P, 75 Ohm. May accept .714V non-composite signals if external sync is available. The display format has 3V:4H aspect ratio. Color temperature factory set 6500°K. Not including TV receiver/monitors.

Manufacturer	Amtron Corporation				Asaca Shibasoku Company
	AM-8 NTSC Monitor	AM-17 NTSC Monitor	AM-26 NTSC Monitor	7819 High Resolution	CMM14-11/1
CRT Diagonal	8 in	17 in	26 in	19 in	14 in
CRT Type	Trinitron*	Trinitron	Trinitron	.....	Delta Gun, Shadow Mask
Resolution/Brightness	.....	.....	.....	500TVL, 20fL	600TVL High Res. Opt.
Convergence Accuracy	.....	.....	.....	.02 in	.02 in
Raster Regulation	1/6"H, 1/8"V	1/6"H, 1/8"V	1/6"H, 1/8"V	1%, 0-100% APL, 20fL	.....
Luminance Bandwidth	.....	.....	.....	± 3dB/0-10MHz	± .5dB/60Hz-7MHz
Chroma Bandwidth	.....	.....	.....	.....	± .5dB/to .6MHz I, to .3MHz Q
Hum Rating	.....	.....	.....	.....	- 55dB
Blue Gun Only	.....	.....	.....	Yes	.....
NTSC Matrix Test	.....	.....	.....	.....	.....
AFC Time Constants	.....	.....	.....	.5msec, 7msec	.5msec, 7msec
Aperture Correction	.....	.....	.....	Yes	10dB at 2.8MHz
Demodulation Axis	.....	.....	.....	.....	I and Q
X-Y Outputs	.....	.....	.....	Yes	Option
Underscan	.....	Yes	Yes	Yes	Yes, 95% of Full Size
Delay/Pulse Cross	Option	Option	Yes	Yes	Yes
Video Inputs	2	2	2	2	2
RBG Video Inputs	.....	.....	.....	.....	Option
External Sync Inputs	Yes	Yes	Yes	Yes	Yes
Weight	24 lb	85 lb	180 lb	.....	100 lb
19-inch Rack/Cabinet	Either	Either	Cabinet, Yoke Mount	Either	Either
Color Standards	NTSC 5- and 12-inch Available	NTSC	NTSC R, G, B Version Available	NTSC 13-inch Available	NTSC, PAL, PAL-M, -N, SECAM

Manufacturer	Asaca Shibasoku Company		Barco Electronics N.V.		
	CMM20-11/1	CMM10-1	CTVM 3/37	CTVM 3/51	CTVM 3/66
CRT Diagonal	20 in	10 in	14 in	20 in	26 in
CRT Type	Delta Gun, Shadow Mask	270UB22	D Delta Gun/P Slot Mask	D Delta Gun/P Slot Mask	Delta Gun, Shadow Mask
Resolution/Brightness	600TVL High Res. Opt.	.....	D 58fL, F 108fL Max	D 58fL, P 108fL Max	D 58fL, P 108fL Max
Convergence Accuracy	.002 in	.03 in	.01 in	.02 in	.03 in
Raster Regulation	.....	.....	.....	.....	.....
Luminance Bandwidth	± .5dB/60Hz-7MHz	± 1dB/4MHz	± .5dB/tc 7MHz	± .5dB/to 7MHz	± .5dB/to 7MHz
Chroma Bandwidth	± .5dB to .6MHz I, to .3MHz Q	- 3dB/500kHz	.6MHz	.6MHz	.6MHz
Hum Rating	- 55dB	- 40dB	- 45dB	- 45dB	- 45dB
Blue Gun Only	.....	.....	Yes	Yes	Yes
NTSC Matrix Test	.....	.....	.....	.....	.....
AFC Time Constants	.05msec, 7msec	.....	.67msec, 2.5msec	.67msec, 2.5msec	.67msec, 2.5msec
Aperture Correction	.00dB at 2.8MHz	.....	Jumper Selected	Jumper Selected	Jumper Selected
Demodulation Axis	I and Q	.....	R-Y, B-Y	R-Y, B-Y	R-Y, B-Y
X-Y Outputs	Option	.....	Yes	Yes	Yes
Underscan	.....	Yes	Yes	Yes	Yes
Delay/Pulse Cross	Yes	.....	Yes	Yes	Yes
Video Inputs	2	1	2	2	2
RBG Video Inputs	Option	.....	Yes	Yes	Yes
External Sync Inputs	Yes	1	Yes	Yes	Yes
Weight	66 lb	28 lb	68 lb	90 lb	120 lb
19-inch Rack/Cabinet	Either	Either	Either	Either	Cabinet, Yoke Mount
Color Standards	NTSC, PAL, PAL-M, -N, SECAM	NTSC	NTSC, PAL, SECAM	NTSC, PAL, SECAM	NTSC, PAL, SECAM

\*Trinitron is a registered trademark of the Sony Corporation.