



## LTC 2910/90 Color Video Monitor



- ▶ 23 cm (9 in.) Screen size
- ▶ Provides 350 TV lines of resolution
- ▶ Auto-sensing of PAL and NTSC signals
- ▶ Wide range power supply
- ▶ Front panel controls
- ▶ Metal case minimizes interference
- ▶ Audio capability
- ▶ Optional rack mounting

The LTC 2910/90 is a standard resolution color display monitor designed for a variety of CCTV surveillance applications including industrial, educational, and medical installations where clear, high quality images and proven system reliability are required. This monitor incorporates a 23 cm (9 in.), measured diagonally, CRT which delivers excellent color reproduction and picture clarity with more than 350 TVL of resolution.

### Functions

The LTC 2910/90 includes two loop-through composite video inputs, using auto-terminating BNC connectors, and RCA phone jacks for single line level audio. Video inputs are selected via a front panel slide switch. Additional front panel controls allow for adjustment of volume, sharpness, brightness, contrast, color, and tint. The LTC 2910/90 features an auto sensing function which automatically identifies whether input signals are PAL or NTSC. It also includes a universal power supply to handle a wide range of power sources. Housed in a compact, space-saving metal cabinet, the LTC 2910/90 can be rack mounted in a 48.26 cm (19 in.) standard EIA rack using the optional TC210AMK Rack Mount Kit. This kit allows for two units to be rack mounted side-by-side. When only one monitor is rack

mounted, a blanking panel is included to cover the unused opening.

### Certifications and Approvals

Electromagnetic Compatibility (EMC)	Complies with FCC Part 15, ICES-003, and CE regulations
Product Safety	Complies with CE regulations, UL, CSA, EN, and IEC Standards Complies with DHHS Rules 21 CFR

## Technical Specifications

### Electrical

<b>Rated Voltage</b>	120/230 VAC, 50/60 Hz	
<b>Voltage Range</b>	90 to 264	
<b>Power at Rated Voltage</b>	45 W	
<b>Sync Format</b>	PAL/NTSC	
<b>Display Tube</b>	23 cm (9 in.) measured diagonally, 90° deflection, deflection stripe pitch 0.50 mm, in-line guns, and integral implosion protection.	
<b>Viewable Picture Area</b>	22.3 cm (8.8 in.) measured diagonally	
<b>Linearity</b>	Horizontal	7% typical
	Vertical	7% typical
<b>Horizontal Res.</b>	300 TVL (minimum) 350 TVL (typical)	

### Video Inputs

<b>Composite Video</b>	Composite Video: 0.3 to 1.5 Vp-p, sync negative. Automatic switching from 75 Ohm unbalanced termination to Hi-Z with loop-through operation
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**Audio Input** 1 V line level

**Audio Output** Loop-through line level, 1 W speaker

### Controls (Front Panel)

Volume, Sharpness, Contrast, Brightness, Color, Tint (NTSC only), Composite Video A/B switch, Video Input Selection switch, Power On/Off.

### Indicators

Front Panel LED Power on LED

## Mechanical

### Connectors

<b>Video A</b>	Composite video: two (2) BNC (1 in, 1 out), auto-terminating
<b>Video B</b>	Composite video: two (2) BNC (1 in, 1 out), auto-terminating
<b>Audio</b>	Two (2) RCA phono jacks (1 in, 1 out)
<b>Power Cord</b>	Two (2) detachable, 3-wire IEC connectors with a grounded plug, 1.5 m (5 ft) long. One (1) with a European/Continental plug type and one (1) with a U.S. plug type

### Cabinet

<b>Material</b>	Steel with plastic front
<b>Finish</b>	Charcoal
<b>Dimensions (W x D x H)</b>	222 x 303 x 227.5 mm (8.75 x 11.9 x 8.9 in.)
<b>Weight</b>	6.8 kg (14.9 lb)

## Environmental

**Operating Temperature** 0°C to 40°C (32°F to 104°F)

**Storage Temperature** -10°C to 50°C (14°F to 122°F)

**Humidity** 10%-90%, non-condensing

### Accessories

**TC210AMK Rack Kit** For mounting one or two LTC 2910/90 monitors in a 48.26 cm (19 in.) standard EIA rack; 1 rack unit wide by 6 rack units high

## Ordering Information

LTC 2910/90 Color Video Monitor 896029109001  
23 cm (9 in.), PAL/NTSC, 350 TVL with audio,  
120/230 VAC, 50/60 Hz

### Hardware Accessories

TC210AMK Rack Kit 899380014871  
for up to two (2) LTC 2910 units, 26.67 cm (10.5 in.) high

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