

# LTC 2020/91 Monochrome Video Monitor



## Security Systems



- High quality pictures, 1000 TV lines of resolution
- Auto-termination
- Auto-selectable selection between CCIR and EIA formats, at 100/240 VAC
- Robust metal case to minimize interference
- Optional rack mounting

Bosch offers a range of high performance monitors which reflects the high standards of other associated units in the Bosch CCTV system, such as cameras, transmission and control equipment. Included in this range of Bosch units is the LTC 2020/91 monochrome monitors. This monitor offers a high performance picture with a resolution of 900 TVL, making it ideal for remote observation and video applications.

All controls are located on the front panel for easy adjustment of the picture image. Monitor features include loop through connection; electrical circuits provide safe guards against interference, noise and changing signal strengths to maintain a clear and stable picture.

### Functions

The LTC 2020/91 monitor housing consists of a robust rectangular metal case which minimizes interference from external signals and allows "stacking" of monitors when used in large numbers.

Designed for ease of installation and operation, the monitor accepts a voltage supply of 100/240 VAC, without the need for any switching or adjustments. The LTC 2020/91 also automatically detects the CCIR/EIA format. Also, the LTC 2020/91 monitor includes two video input options and audio input/output with volume control

The monitor is setup for standard composite video signals, the LTC -/5x versions CCIR format and the LTC -/6x versions EIA format.

**Technical Specifications****Electrical**

Rated Voltage	100/240 VAC, 50/60 Hz
Voltage Range	90 to 264 VAC
Power at Rated Voltage	45 W
Sync Format	CCIR/EIA
Monochrome System	CCIR/EIA, auto-selectable
Display Tube	51 cm (20 in.), measured diagonally, 90° deflection angle
Viewable Picture Area	49 cm (19 in.)
Linearity	Horizontal: 10% max. Vertical: 10% max.
Horizontal Resolution	1000 TVL
Video Input	
Composite Video	0.5 to 2.0 Vp-p, sync. negative. Manual-switching from 75 Ohm unbalanced. Termination to Hi-Z with looped through operation. Two video inputs.
Controls	Power switch, Video A/B Select switch, Audio A/B Select switch, Contrast, Brightness, H-Hold, V-Hold, Volume, Under/Over Scan switch
Connectors	Power input socket, 2 BNC video inputs, 2 BNC video outputs
Audio Input	RCA pin, bridge-out possible. Two (2) RCA phone jacks
Power Cord	Approx. 1.8 m (6ft.). One (1) with a European/Continental plug type and one (1) with a U.S. plug type

**Mechanical**

Cabinet	Material: Steel with plastic finish Finish: Charcoal
Dimensions	480 x 362 x 440 mm (18.9 x 14.25 x 17.32 in.)
Weight	19 kg (41.8 lb)

**Environmental**

Operating Temperature	0°C to 50°C (+32°F to 122°F)
Storage Temperature	-10°C to 60°C (-4°F to 140°F)
Humidity	Operating: 10 to 90% (noncondensing)

**Product Regulatory Compliance****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

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