

Mini Camera Series

Digital Color and Monochrome Cameras



Security Systems



Lens not included.

- Compact Camera
- 1/4-inch Format CCD Imager
- Full Range of Color and Monochrome Models
- CS Lens Mount
- All Models with Advanced DSP
- Backlight Compensation
- Accepts AC or DC Voltages

The Bosch Security Systems Mini Camera Series provides an excellent solution for demanding applications, where limited space is a concern. The Mini Camera models provide all of the benefits of a full-featured security camera, in an attractive, compact designer package.

Mini Cameras utilize a high performance 1/4" CCD imager, with advanced digital signal processing (DSP). Both color and monochrome models are available in either standard or high-resolution formats. These high-sensitivity imaging devices offer ultra-sharp pictures, even in poorly lit areas.

The backlight compensation feature allows viewing of subjects against brightly lit backgrounds. All models accept a wide variety of manual or DC-iris lenses.

Whether dome, corner, wall, or ceiling mounted, the Bosch Mini Camera is perfect for today's smaller camera enclosures and system installations. The cameras can be 12VDC or 24VAC powered, and offer selectable crystal or line lock synchronization. Choose the Bosch Security Systems Mini Camera Series whenever you're in a tight spot.

Monochrome Models

Camera	LTC 0135/10	LTC 0155/10
Imager	Interline Transfer CCD, 1/4-inch format	
Active Picture Elements	512(H) X 582(V) CCIR	752(H) X 582(V) CCIR
Sensitivity (3200K)		
Scene Illumination ¹		
Usable Picture lx	.18	.18
¹ f/1.2 lens, 89% reflectance 50 IRE		
Horizontal Resolution	380 TVL	570 TVL
Signal-to-Noise	>48 dB	>48 dB
AGC	Automatic	
Electronic Shutter	Automatic, 1/50 to 1/100,000	
Aperture Correction	Horizontal and vertical	
Backlight Compensation	Selectable, On/Off	
Video Output	Composite Video 1.0 Vp-p, 75 Ω	
Synchronization	Selectable Line Lock, Crystal Lock	
Phase Delay	0 – 330°	
Voltage Range	12 - 28 VAC 50Hz 11.5 - 36 VDC	
Power	2 Watts	

Color Models

Camera	LTC 0235/10	LTC 0255MC
Imager	Interline Transfer CCD, 1/4-inch format	
Active Picture Elements	512(H) X 582(V) PAL	752(H) X 582(V) PAL
Sensitivity (3200K)		
Scene Illumination ¹		
Usable Picture lx	1.6	1.6
¹ f/1.2 lens, 89% reflectance 50 IRE		
Horizontal Resolution	330 TVL	480 TVL
Signal-to-Noise	>48 dB	>48 dB
AGC	Automatic	
Electronic Shutter	Automatic, 1/60 to 1/100,000	
Aperture Correction	Horizontal and vertical	
Backlight Compensation	Selectable, On/Off	
White Balance	Selectable, hold/continuous (2500–9000K)	
Video Output	Composite Video 1.0 Vp-p, 75 Ω	
Synchronization	Selectable, Line Lock, Crystal Lock	
Phase Delay	0 – 350°	
Voltage Range	12 - 28 VAC 50Hz 11.5 - 36 VDC	
Power	2 Watts	

Bosch Security Systems, Inc.

www.boschsecuritysystems.com

Monochrome and Color Models**Mechanical****Connectors**

Video Output BNC Connector

Power Inline Quick Connect

DC-Iris 4-pin EIA-J

Camera Mounting Top and bottom, 1/4-inch 20 UNC**Lens**

Mount CS

Drive DC-Iris

Compatibility Manual and DC-Iris

Dimensions 7.37 H x 7.11 W x 5.1 D cm
(2.9 x 2.8 x 2.0 in)**Weight** Approximately .23 kg (0.5 lb)**Environmental**

Temperature Operating: –10°C to 45°C (14°F to 113°F)

Humidity Operating: 0%–95%, noncondensing

Product Regulatory Compliance

Electromagnetic Compatibility (EMC)

Complies with FCC Part 15, ICES-003,
and CE regulationsProduct Safety Complies with CE regulations, UL, CSA,
EN, and IEC Standards**Recommended Lenses****Lenses DC-Iris**

LTC 3364/50 2.8 to 10mm f/1.4 to 360

LTC 3364/60 3.5 to 8mm f/1.4 to 360

LTC 3374/50 5 to 50mm f/1.7 to 360

Power Supplies/Transformers

Model	Input	Output
TC220PS	220-240VAC, 50/60Hz	15VDC, 9VA
TC220PSX-24	220 - 240 VAC, 50/60Hz	24VAC, 20VA

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