

# LTC 8560 Series Single-channel On-site Receiver/Drivers

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Invented for life



- ▶ Pan/Tilt/Zoom (PTZ) control
- ▶ Bi-Phase or RS-232 data input
- ▶ Compatible with Allegiant Systems
- ▶ Variety of input/output voltages
- ▶ Integral local test feature

The LTC 8560 Series, the LTC 8562 Series, and the LTC 8563/20 on-site receiver/drivers are control data decoder units and motor drivers for pan/tilt units and zoom lenses. These receiver/drivers are used in conjunction with Allegiant Series or microprocessor-based switcher/controller systems.

## Functions

The receiver/driver decodes Allegiant Bi-Phase control data from the switcher/controller system through the LTC 8568 Series Signal Distribution Unit into specific control codes. In addition, the receiver/driver accepts RS-232 control code data generated by the LTC 8780 Data Converter Unit.

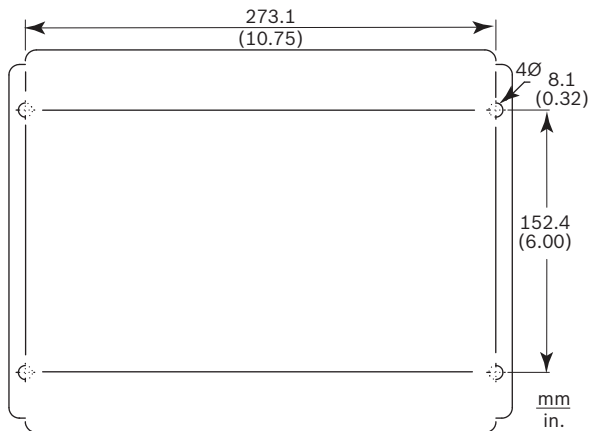
These receiver/drivers are available in a variety of input and output voltage configurations. All units are 50/60 Hz line frequency compatible. All units have low voltage DC lens drivers (6 V or 12 V, selectable) for focus, zoom, and iris with adjustable speed. Auxiliary supply terminals provide power which is fuse-protected at the voltage of the pan/tilt output. Additional features include a full operating temperature range, an integral local test function, a unique dither feature, polarity reversible lens drive,

convenient thumbwheel selectable camera addressing, and a NEMA-4X, IP66 rated environmental enclosure with lockable latches.

## Certifications and approvals

EMC Requirements	CE Immunity, CE Emission Class B, FCC Class B, ICES-003
Safety	CE, UL, cUL

### Installation/configuration notes



Mounting Hole Pattern

### Technical specifications

#### Electrical

Pan/Tilt Output	Four (4) function pan/tilt solid state drive with zero crossing turn-on; 1.0 A drive capability
<b>Lens Output</b>	
For Zoom, Focus, and Motorized Iris	6 VDC or 12 VDC, 100 mA maximum
Variable Speed 6 VDC Setting	4 VDC to 8 VDC
Variable Speed 12 VDC Setting	8 VDC to 16 VDC

#### Mechanical

Size (W x D x H)	295 x 241 x 165 mm (11.6 x 9.5 x 6.5 in.)
Weight	6.8 kg (15 lb)

#### Environmental

<b>Temperature</b>	
• Operating	-40°C to 60°C (-40°F to 140°F)
• Storage	-40°C to 70°C (-40°F to 158°F)
Humidity	0% to 95% relative, non-condensing
Vibration	3 g swept sine wave, 15 Hz to 2000 Hz
Shock	50 g, 11 ms, ½ sine
Enclosure Protection	NEMA-4X, IP66

### Ordering information

**LTC 8560/50 Single-channel On-site Receiver/Driver**  
230 VAC pan/tilt voltage, 230 VAC power supply, no auxiliary, 50°Hz  
Order number **LTC 8560/50**

**LTC 8560/60 Single-channel On-site Receiver/Driver**  
120 VAC pan/tilt voltage, 120°VAC power supply, no auxiliary, 50/60 Hz  
Order number **LTC 8560/60**

**LTC 8562/50 Single-channel On-site Receiver/Driver**  
24 VAC pan/tilt voltage, 230 VAC power supply, no auxiliary, 50 Hz  
Order number **LTC 8562/50**

**LTC 8562/60 Single-channel On-site Receiver/Driver**  
24 VAC pan/tilt voltage, 120 VAC power supply, no auxiliary, 50/60 Hz  
Order number **LTC 8562/60**

**LTC 8563/20 Single-channel On-site Receiver/Driver**  
24 VAC pan/tilt voltage, 24 VAC power supply, no auxiliary, 50/60°Hz  
Order number **LTC 8563/20**

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