

# LTEV01-R80-3-5

## IP68 Side Opening Die-cast Aluminum Camera Housing (80 m, 30°, IR LED, Heater, Blower, PoE)

Die-cast aluminum construction, bundled internal cable managed bracket, illumination distance up to 80 m, internal usable size (W × H × L): 100 mm × 80 mm × 265 mm, built-in dual glasses, built-in heater and blower, PoE



### Features

- IP68, NEMA-6P enclosure rating
- Designed for indoor and outdoor applications
- Input power: 12 V DC/24 V AC/110 V AC/220 V AC (available) or PoE (upgradable)
- Included wiper and sunshield (optional)
- Built-in heater and blower (optional)
- Built-in IR illuminator with distance up to 100 m (328 ft) (optional, input power: 12 V DC)
- Adjustable sliding camera tray
- Cable entry glands and mounting holes on bottom of housing
- Die-cast aluminum construction
- High impact resistance
- Bundled internal cable managed bracket

### Available Models

Model	Sunshield	Wiper
LTEV01		
LTEV01S	+	
LTEV01W		+
LTEV01SW	+	+

\*The different accessories in above table have the following models available.

Model	Illumination	Heater	Blower	Input Power
LTEV01-0				
LTEV01-1-1		+		12 V DC
LTEV01-1-2		+		24 V AC
LTEV01-1-3		+		110 V AC
LTEV01-1-4		+		220 V AC
LTEV01-2-1			+	12 V DC
LTEV01-2-2			+	24 V AC
LTEV01-2-3			+	110 V AC
LTEV01-2-4			+	220 V AC
LTEV01-3-1		+	+	12 V DC
LTEV01-3-2		+	+	24 V AC
LTEV01-3-3		+	+	110 V AC
LTEV01-3-4		+	+	220 V AC
LTEV01-3-5		+	+	PoE
LTEV01-3-9		+	+	PoE (midspan only) <sup>1</sup>
LTEV01-R30-0	IR, 30 m, 60°			
LTEV01-R30-3-1	IR, 30 m, 60° +		+	12 V DC
LTEV01-R30-3-2	IR, 30 m, 60° +		+	24 V AC
LTEV01-R30-3-4	IR, 30 m, 60° +		+	220 V AC
LTEV01-R30-3-5	IR, 30 m, 60° +		+	PoE
LTEV01-R50-0	IR, 50 m, 15°			
LTEV01-R50-3-1	IR, 50 m, 15° +		+	12 V DC
LTEV01-R50-3-2	IR, 50 m, 15° +		+	24 V AC
LTEV01-R50-3-4	IR, 50 m, 15° +		+	220 V AC
LTEV01-R50-3-5	IR, 50 m, 15° +		+	PoE
LTEV01-R80-0	IR, 80 m, 8° to 15°			
LTEV01-R80-3-1	IR, 80 m, 8° to 15° +		+	12 V DC
LTEV01-R80-3-2	IR, 80 m, 8° to 15° +		+	24 V AC
LTEV01-R80-3-4	IR, 80 m, 8° to 15° +		+	220 V AC
LTEV01-R80-3-5	IR, 80 m, 8° to 15° +		+	PoE

### Tech Specs

Model	LTEV01
Type	Indoor/Outdoor, side opening
Protection Rating	IP68, NEMA-6P enclosure rating
Material	Die-cast aluminum
Finish	White polyester powder coat
Input Power	<ul style="list-style-type: none"> <li>• 12 V DC (LTEV01-1-1, LTEV01-2-1, LTEV01-3-1)</li> <li>• 24 V AC (LTEV01-1-2, LTEV01-2-2, LTEV01-3-2)</li> <li>• 110 V AC (LTEV01-1-3, LTEV01-2-3, LTEV01-3-3)</li> <li>• 220 V AC (LTEV01-1-4, LTEV01-2-4, LTEV01-3-4)</li> <li>• PoE (IEEE 802.3at Class 4 PoE Plus compliant) (LTEV01-3-5, LTEV01-R30-3-5, LTEV01-R50-3-5, LTEV01-R80-3-5)</li> <li>• PoE (48 V DC) (LTEV01-3-9)<sup>1</sup></li> </ul>
Power Consumption	<ul style="list-style-type: none"> <li>• Heater (24 V AC): 6 W (250 mA)</li> <li>• Heater (220 V AC): 5.3 W (23 mA)</li> <li>• Heater (12 V DC): 4.2 W (350 mA)</li> <li>• Blower: 1.8 W (150 mA)</li> <li>• IR LEDs: 4 W (LTEV01-R30, LTEV01-R50), 10 W (LTEV01-R80)</li> </ul>
Network Interface	<ul style="list-style-type: none"> <li>• RJ-45 × 2 (PoE input/data output) (LTEV01-3-5, LTEV01-R30-3-5, LTEV01-R50-3-5, LTEV01-R80-3-5)</li> <li>• RJ-45 × 2 (PoE input/PoE output) (LTEV01-3-9)</li> </ul>
Dimensions (W × H × L)	145 mm × 109 mm × 406 mm (5.71 in × 4.29 in × 15.98 in)
Window Viewing Area (W × H)	<ul style="list-style-type: none"> <li>• Outer dimensions: 92 mm × 76 mm (3.62 in × 2.99 in)</li> <li>• Internal ring diameter: 48 mm (1.89 in) (LTEV01-R30-0, LTEV01-R50-0)<sup>3</sup></li> </ul>

Model	LTEV01
	<ul style="list-style-type: none"> <li>Internal ring diameter: 50 mm (1.97 in) (LTEV01-R80-0)<sup>3</sup></li> </ul>

Model	LTEV01
Window Thickness	3 mm (0.12 in), tempered glass
Internal Usable Size <sup>3</sup> (W × H × L)	<ul style="list-style-type: none"> <li>100 mm × 80 mm × 335 mm (3.94 in × 3.15 in × 13.19 in) (LTEV01-0)</li> <li>100 mm × 80 mm × 250 mm (3.94 in × 3.15 in × 9.84 in) (LTEV01-1-1, LTEV01-1-2, LTEV01-1-3, LTEV01-1-4, LTEV01-2-1, LTEV01-2-2, LTEV01-2-3, LTEV01-2-4, LTEV01-3-1, LTEV01-3-2, LTEV01-3-3, LTEV01-3-4, LTEV01-3-9)</li> <li>100 mm × 80 mm × 280 mm (3.94 in × 3.15 in × 11.02 in) (LTEV01-0-5, LTEV01-1-5, LTEV01-3-5)</li> </ul>
Heater Control	On at 15 °C ± 3 °C (59 °F ± 5 °F), off at 25 °C ± 3 °C (77 °F ± 5 °F) (LTEV01-1-1, LTEV01-1-2, LTEV01-1-3, LTEV01-1-4, LTEV01-3-1, LTEV01-3-2, LTEV01-3-3, LTEV01-3-4, LTEV01-1-5, LTEV01-3-5, LTEV01-3-9)
Blower Control	On at 35 °C ± 3 °C (95 °F ± 5 °F), off at 25 °C ± 3 °C (77 °F ± 5 °F) (LTEV01-2-1, LTEV01-2-2, LTEV01-3-2, LTEV01-2-4, LTEV01-3-1, LTEV01-3-2, LTEV01-3-3, LTEV01-3-4, LTEV01-3-5, LTEV01-3-9)
Operating Ambient Temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Weight	<ul style="list-style-type: none"> <li>3.6 kg (7.94 lb)</li> <li>Max. 4.3kg (9.48 lb) (wall mount bracket included)</li> </ul>
Certifications	CE, FCC, RoHS
Wavelength <sup>4</sup>	850 nm (LTEV01-R30-0, LTEV01-R50-0, LTEV01-R80-0)
Illumination Distance <sup>4</sup>	<ul style="list-style-type: none"> <li>30 m (98.42 ft) (LTEV01-R30-0)</li> <li>50 m (164.04 ft) (LTEV01-R50-0)</li> <li>80 m to 100 m (262.47 ft to 328 ft) (LTEV01-R80-0)</li> </ul>
Beam Angle <sup>4</sup>	<ul style="list-style-type: none"> <li>60° (LTEV01-R30-0)</li> <li>15° (LTEV01-R50-0)</li> <li>8° to 15° (LTEV01-R80-0)</li> </ul>
LEDs <sup>4</sup>	<ul style="list-style-type: none"> <li>24 pieces (LTEV01-R30-0, LTEV01-R50-0)</li> <li>6 pieces (LTEV01-R80-0)</li> </ul>
LED Lifetime <sup>4</sup>	20,000 hours (LTEV01-R30-0, LTEV01-R50-0, LTEV01-R80-0)
Light On/Off <sup>4</sup>	On when illumination is lower than 4 lux (LTEV01-R30-0, LTEV01-R50-0, LTEV01-R80-0)
Related Products	LTMH01, LTMH02, LTMH05, LTIA01

- The specs for LTEV01-\_-\_-\_, LTEV01S-\_-\_-\_, LTEV01W-\_-\_-\_ and LTEV01SW-\_-\_-\_ are the same as LTEV01-0, LTEV01S-0, LTEV01W-0 and LTEV01SW-0.
  - It is only used for midsapn PoE switch or injector.
  - The internal usable size for LTEV01-R30-\_-\_, LTEV01-R50-\_-\_ and LTEV01-R80-\_-\_ is the same as LTEV01-\_-\_-\_.
  - The spec for LTEV01-R30-\_-\_, LTEV01-R50-\_-\_ and LTEV01-R80-\_-\_ is the same as LTEV01-R30-0, LTEV01-R50-0 and LTEV01-R80-0 respectively.
- \*Design and specifications are subject to change without prior notice.