

# LTEV01S-R50-0

## IP68 Side Opening Die-cast Aluminum Camera Housing (Sunshield, 50 m, 15°, IR LED)

Die-cast aluminum construction, bundled internal cable managed bracket, illumination distance up to 50 m, internal usable size (W × H × L): 100 mm × 80 mm × 320 mm, built-in dual glasses, bundled sunshield



Model	Illumination	Heater	Blower	Input Power
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, 30°			
LTEV01-R80-3-1	IR, 80 m, 30°	+	+	12 V DC
LTEV01-R80-3-2	IR, 80 m, 30°	+	+	24 V AC
LTEV01-R80-3-4	IR, 80 m, 30°	+	+	220 V AC
LTEV01-R80-3-5	IR, 80 m, 30°	+	+	PoE

### Tech Specs

### 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				

<b>Model</b>	LTEV01
<b>Type</b>	Indoor/Outdoor, side opening
<b>Protection Rating</b>	IP68, NEMA-6P enclosure rating
<b>Material</b>	Die-cast aluminum
<b>Finish</b>	White polyester powder coat
<b>Input Power</b>	<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>
<b>Power Consumption</b>	<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), 18 W (LTEV01-R80)</li> </ul>
<b>Network Interface</b>	<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>
<b>Dimensions (W × H × L)</b>	145 mm × 109 mm × 406 mm (5.71 in × 4.29 in × 15.98 in)
<b>Window Viewing Area (W × H)</b>	<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> <li>Internal ring diameter: 52 mm (1.97 in) (LTEV01-R80-0)<sup>3</sup></li> </ul>
<b>Window Thickness</b>	3 mm (0.12 in), tempered glass
<b>Internal Usable Size<sup>3</sup> (W × H × L)</b>	<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>
<b>Heater Control</b>	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)
<b>Blower Control</b>	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)
<b>Operating Ambient Temperature</b>	-30 °C to 60 °C (-22 °F to 140 °F)
<b>Weight</b>	<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>
<b>Certifications</b>	CE, FCC, RoHS
<b>Wavelength<sup>4</sup></b>	850 nm (LTEV01-R30-0, LTEV01-R50-0, LTEV01-R80-0)
<b>Illumination Distance<sup>4</sup></b>	<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>
<b>Beam Angle<sup>4</sup></b>	<ul style="list-style-type: none"> <li>60° (LTEV01-R30-0)</li> <li>15° (LTEV01-R50-0)</li> <li>30° (LTEV01-R80-0)</li> </ul>
<b>LEDs<sup>4</sup></b>	<ul style="list-style-type: none"> <li>24 pieces (LTEV01-R30-0, LTEV01-R50-0)</li> <li>12 pieces (LTEV01-R80-0)</li> </ul>
<b>LED Lifetime<sup>4</sup></b>	20,000 hours (LTEV01-R30-0, LTEV01-R50-0, LTEV01-R80-0)
<b>Light On/Off<sup>4</sup></b>	On when illumination is lower than 4 lux (LTEV01-R30-0, LTEV01-R50-0, LTEV01-R80-0)
<b>Related Products</b>	LTMH01, LTMH02, LTMH05, LTIA01

- 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.
- For more than 80 m (External IR on bottom design): **LTEV01-ER\_-\_-**.  
\*Design and specifications are subject to change without prior notice.

1. The specs for **LTEV01-\_-\_-**, **LTEV01S-\_-\_-**, **LTEV01W-\_-\_-** and **LTEV01SW-\_-\_-** are the same as **LTEV01-0**, **LTEV01S-0**, **LTEV01W-0** and **LTEV01SW-0**.  
2. It is only used for midsapn PoE switch or injector.