

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) ¹
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

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"> • 12 V DC (LTEV01-1-1, LTEV01-2-1, LTEV01-3-1) • 24 V AC (LTEV01-1-2, LTEV01-2-2, LTEV01-3-2) • 110 V AC (LTEV01-1-3, LTEV01-2-3, LTEV01-3-3) • 220 V AC (LTEV01-1-4, LTEV01-2-4, LTEV01-3-4) • PoE (IEEE 802.3at Class 4 PoE Plus compliant) (LTEV01-3-5, LTEV01-R30-3-5, LTEV01-R50-3-5, LTEV01-R80-3-5) • PoE (48 V DC) (LTEV01-3-9)¹
Power Consumption	<ul style="list-style-type: none"> • Heater (24 V AC): 6 W (250 mA) • Heater (220 V AC): 5.3 W (23 mA) • Heater (12 V DC): 4.2 W (350 mA) • Blower: 1.8 W (150 mA) • IR LEDs: 4 W (LTEV01-R30, LTEV01-R50), 18 W (LTEV01-R80)
Network Interface	<ul style="list-style-type: none"> • RJ-45 × 2 (PoE input/data output) (LTEV01-3-5, LTEV01-R30-3-5, LTEV01-R50-3-5, LTEV01-R80-3-5) • RJ-45 × 2 (PoE input/PoE output) (LTEV01-3-9)
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"> • Outer dimensions: 92 mm × 76 mm (3.62 in × 2.99 in) • Internal ring diameter: 48 mm (1.89 in) (LTEV01-R30-0, LTEV01-R50-0)³ • Internal ring diameter: 52 mm (1.97 in) (LTEV01-R80-0)³
Window Thickness	3 mm (0.12 in), tempered glass
Internal Usable Size ³ (W × H × L)	100 mm × 80 mm × 335 mm (3.94 in × 3.15 in × 13.19 in) (LTEV01-0)

Model	LTEV01
	<ul style="list-style-type: none"> • 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) • 100 mm × 80 mm × 280 mm (3.94 in × 3.15 in × 11.02 in) (LTEV01-0-5, LTEV01-1-5, LTEV01-3-5)

Model	LTEV01
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	-30 °C to 60 °C (-22 °F to 140 °F)
Weight	<ul style="list-style-type: none"> • 3.6 kg (7.94 lb) • Max. 4.3kg (9.48 lb) (wall mount bracket included)
Certifications	CE, FCC, RoHS
Wavelength ⁴	850 nm (LTEV01-R30-0, LTEV01-R50-0, LTEV01-R80-0)
Illumination Distance ⁴	<ul style="list-style-type: none"> • 30 m (98.42 ft) (LTEV01-R30-0) • 50 m (164.04 ft) (LTEV01-R50-0) • 80 m to 100 m (262.47 ft to 328 ft) (LTEV01-R80-0)
Beam Angle ⁴	<ul style="list-style-type: none"> • 60° (LTEV01-R30-0) • 15° (LTEV01-R50-0) • 30° (LTEV01-R80-0)
LEDs ⁴	<ul style="list-style-type: none"> • 24 pieces (LTEV01-R30-0, LTEV01-R50-0) • 12 pieces (LTEV01-R80-0)
LED Lifetime ⁴	20,000 hours (LTEV01-R30-0, LTEV01-R50-0, LTEV01-R80-0)
Light On/Off ⁴	On when illumination is lower than 4 lux (LTEV01-R30-0, LTEV01-R50-0, LTEV01-R80-0)
Related Products	LTMH01, LTMH02, LTMH05, LTIA01

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.
 3. The internal usable size for LTEV01-R30-_-_, LTEV01-R50-_-_ and LTEV01-R80-_-_ is the same as LTEV01-_-_-_.
 4. 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.
 5. For more than 80 m (External IR on bottom design): LTEV01-ER_.
- *Design and specifications are subject to change without prior notice.