

LTEV07

IP67 Latched Side Opening Camera Housing

Die-cast aluminum construction, internal usable size (W × H × L): 120 mm × 90 mm × 330 mm



Features

- IP67, NEMA-6 enclosure rating
- IK10 impact resistance
- Designed for indoor and outdoor applications
- Included sunshield
- Input power: 12 V DC or PoE (upgradable)
- Built-in wiper, heater and blower (optional)
- Built-in IR illuminator with distance up to 160 m (524.9 ft) (optional)
- Adjustable sliding camera tray
- Cable entry glands and mounting holes on bottom of housing
- Die-cast aluminum construction

Available Models

Model	Illumination	Wiper	Heater	Blower	Input Power
LTEV07-3-1			+	+	12 V DC
LTEV07-3-5			+	+	PoE
LTEV07W-3-1		+	+	+	12 V DC
LTEV07W-3-5		+	+	+	PoE
LTEV07-R50-3-5	IR, 50 m, 90°		+	+	PoE
LTEV07-R80-3-5	IR, 80 m, 60°		+	+	PoE
LTEV07-R90-3-5	IR, 90 m, 45°		+	+	PoE
LTEV07-R120-3-5	IR, 120 m, 30°		+	+	PoE
LTEV07-R160-3-5	IR, 160 m, 15°		+	+	PoE
LTEV07W-R100-3-2	IR, 100 m, 30°	+	+	+	24 V AC
LTEV07W-R140-3-2	IR, 140 m, 15°	+	+	+	24 V AC

Tech Specs

Model	LTEV07
Type	Indoor/Outdoor, side opening
Protection Rating	<ul style="list-style-type: none"> • IP67, NEMA-6 enclosure rating • IK10
Material	Die-cast aluminum
Finish	White polyester powder coat
Input Power	<ul style="list-style-type: none"> • 12 V DC (LTEV07-3-1) • 24 V AC (LTEV07W-R100-3-2, LTEV07W-R140-3-2) • PoE (IEEE 802.3at Class 4 PoE Plus compliant) (LTEV07-3-5, LTEV07-R50-3-5, LTEV07-R80-3-5, LTEV07-R90-3-5, LTEV07-R120-3-5, LTEV07-R160-3-5)
Power Consumption	<ul style="list-style-type: none"> • Heater (12 V DC): 4.2 W (350 mA) • Blower: 1.68 W (140 mA) • IR LEDs: 20 W (LTEV07-R80-3-5, LTEV07-R90-3-5, LTEV07-R120-3-5, LTEV07-R160-3-5, LTEV07W-R100-3-2, LTEV07W-R140-3-2)
Network Interface	RJ-45 × 2 (PoE input/data output) (LTEV07-3-5, LTEV07-R50-3-5, LTEV07-R80-3-5, LTEV07-R90-3-5, LTEV07-R120-3-5, LTEV07-R160-3-5)
Dimensions (W × H × L)	190 mm × 132 mm × 445 mm (7.5 in × 5.2 in × 17.5 in)
Window Viewing Area (W × H)	<ul style="list-style-type: none"> • Outer dimensions: 145 mm × 100 mm (5.7 in × 3.9 in) • Internal ring diameter: 56 mm (2.2 in) (LTEV07-3-5, LTEV07-R50-3-5, LTEV07-R80-3-5, LTEV07-R90-3-5, LTEV07-R120-3-5, LTEV07-R160-3-5, LTEV07W-R100-3-2, LTEV07W-R140-3-2)³
Window Thickness	3 mm (0.12 in), tempered glass
Internal Usable Size (W × H × L)	<ul style="list-style-type: none"> • 120 mm × 90 mm × 330 mm (4.7 in × 3.5 in × 13.0 in) (LTEV07-3-1, LTEV07-3-5, LTEV07W-3-1, LTEV07W-3-5) • 90 mm × 90 mm × 230 mm (3.5 in × 3.5 in × 9.1 in) (LTEV07-R50-3-5, LTEV07-R80-3-5, LTEV07-R90-3-5, LTEV07-R120-3-5, LTEV07-R160-3-5, LTEV07W-R100-3-2, LTEV07W-R140-3-2)
Heater Control	On at 15 °C ± 3 °C (59 °F ± 5 °F), off at 25 °C ± 3 °C (77 °F ± 5 °F)
Blower Control	On at 40 °C ± 3 °C (104 °F ± 5 °F), off at 30 °C ± 3 °C (86 °F ± 5 °F)
Operating Ambient Temperature	-40 °C to 60 °C (-40 °F to 140 °F)
Weight	<ul style="list-style-type: none"> • 4 kg (8.8 lb) • Max. 4.6 kg (10.1 lb) (wall mount bracket included)
Certifications	CE, FCC, RoHS
Wavelength	850 nm (LTEV07-R50-3-5, LTEV07-R80-3-5, LTEV07-R90-3-5, LTEV07-R120-3-5, LTEV07-R160-3-5, LTEV07W-R100-3-2, LTEV07W-R140-3-2)
Illumination Distance	<ul style="list-style-type: none"> • 50 m (164.0 ft) (LTEV07-R50-3-5) • 80 m (262.5 ft) (LTEV07-R80-3-5) • 90 m (295.3 ft) (LTEV07-R90-3-5) • 100 m (328.1 ft) (LTEV07W-R100-3-2) • 120 m (393.7 ft) (LTEV07-R120-3-5) • 140 m (459.3 ft) (LTEV07W-R140-3-2) • 160 m (524.9 ft) (LTEV07-R160-3-5)
Beam Angle	<ul style="list-style-type: none"> • 90° (LTEV07-R50-3-5) • 60° (LTEV07-R80-3-5) • 45° (LTEV07-R90-3-5) • 30° (LTEV07-R120-3-5, LTEV07W-R100-3-2) • 15° (LTEV07-R160-3-5, LTEV07W-R140-3-2)
LEDs	10 pieces (LTEV07-R50-3-5, LTEV07-R80-3-5, LTEV07-R90-3-5, LTEV07-R120-3-5, LTEV07-R160-3-5, LTEV07W-R100-3-2, LTEV07W-R140-3-2)
LED Lifetime	20,000 hours (LTEV07-R50-3-5, LTEV07-R80-3-5, LTEV07-R90-3-5, LTEV07-R120-3-5, LTEV07-R160-3-5, LTEV07W-R100-3-2, LTEV07W-R140-3-2)
Light On/Off	On when illumination is lower than 4 lux (LTEV07-R50-3-5, LTEV07-R80-3-5, LTEV07-R90-3-5, LTEV07-R120-3-5, LTEV07-R160-3-5, LTEV07W-R100-3-2, LTEV07W-R140-3-2)
Related Products	-

*Design and specifications are subject to change without prior notice.