

# 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

<b>Model</b>	LTEV07
<b>Type</b>	Indoor/Outdoor, side opening
<b>Protection Rating</b>	<ul style="list-style-type: none"> <li>• IP67, NEMA-6 enclosure rating</li> <li>• IK10</li> </ul>
<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 (LTEV07-3-1)</li> <li>• 24 V AC (LTEV07W-R100-3-2, LTEV07W-R140-3-2)</li> <li>• 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)</li> </ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"> <li>• Heater (12 V DC): 4.2 W (350 mA)</li> <li>• Blower: 1.68 W (140 mA)</li> <li>• 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)</li> </ul>
<b>Network Interface</b>	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)
<b>Dimensions (W × H × L)</b>	190 mm × 132 mm × 445 mm (7.5 in × 5.2 in × 17.5 in)
<b>Window Viewing Area (W × H)</b>	<ul style="list-style-type: none"> <li>• Outer dimensions: 145 mm × 100 mm (5.7 in × 3.9 in)</li> <li>• 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)<sup>3</sup></li> </ul>
<b>Window Thickness</b>	3 mm (0.12 in), tempered glass
<b>Internal Usable Size (W × H × L)</b>	<ul style="list-style-type: none"> <li>• 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)</li> <li>• 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)</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)
<b>Blower Control</b>	On at 40 °C ± 3 °C (104 °F ± 5 °F), off at 30 °C ± 3 °C (86 °F ± 5 °F)
<b>Operating Ambient Temperature</b>	-40 °C to 60 °C (-40 °F to 140 °F)
<b>Weight</b>	<ul style="list-style-type: none"> <li>• 4 kg (8.8 lb)</li> <li>• Max. 4.6 kg (10.1 lb) (wall mount bracket included)</li> </ul>
<b>Certifications</b>	CE, FCC, RoHS
<b>Wavelength</b>	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)
<b>Illumination Distance</b>	<ul style="list-style-type: none"> <li>• 50 m (164.0 ft) (LTEV07-R50-3-5)</li> <li>• 80 m (262.5 ft) (LTEV07-R80-3-5)</li> <li>• 90 m (295.3 ft) (LTEV07-R90-3-5)</li> <li>• 100 m (328.1 ft) (LTEV07W-R100-3-2)</li> <li>• 120 m (393.7 ft) (LTEV07-R120-3-5)</li> <li>• 140 m (459.3 ft) (LTEV07W-R140-3-2)</li> <li>• 160 m (524.9 ft) (LTEV07-R160-3-5)</li> </ul>
<b>Beam Angle</b>	<ul style="list-style-type: none"> <li>• 90° (LTEV07-R50-3-5)</li> <li>• 60° (LTEV07-R80-3-5)</li> <li>• 45° (LTEV07-R90-3-5)</li> <li>• 30° (LTEV07-R120-3-5, LTEV07W-R100-3-2)</li> <li>• 15° (LTEV07-R160-3-5, LTEV07W-R140-3-2)</li> </ul>
<b>LEDs</b>	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)
<b>LED Lifetime</b>	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)
<b>Light On/Off</b>	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)
<b>Related Products</b>	-

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