

# LTEX17S-R100-1

## IP68 Explosion Proof Camera Housing (100 m, 15°, IR LED, 12 V DC)



Model	Illumination	Sunshiel Wiper d	Heater, Blower	Input Power
LTEX17S-R30-3-1	IR, 30 m, 90° +		+	12 V DC
LTEX17S-R30-4	IR, 30 m, 90° +			220 V AC
LTEX17S-R30-3-4	IR, 30 m, 90° +		+	220 V AC
LTEX17S-R30-3-5	IR, 30 m, 90° +		+	PoE
LTEX17S-R60-1	IR, 60 m, 60° +			12 V DC
LTEX17S-R60-3-1	IR, 60 m, 60° +		+	12 V DC
LTEX17S-R60-4	IR, 60 m, 60° +			220 V AC
LTEX17S-R60-3-4	IR, 60 m, 60° +		+	220 V AC
LTEX17S-R60-3-5	IR, 60 m, 60° +		+	PoE
LTEX17S-R80-1	IR, 80 m, 30° +			12 V DC
LTEX17S-R80-3-1	IR, 80 m, 30° +		+	12 V DC
LTEX17S-R80-3-1	IR, 80 m, 30° +		+	12 V DC
LTEX17S-R80-4	IR, 80 m, 30° +			220 V AC
LTEX17S-R80-3-4	IR, 80 m, 30° +		+	220 V AC
LTEX17S-R80-3-5	IR, 80 m, 30° +		+	PoE
LTEX17S-R100-1	IR, 100 m, 15°	+		12 V DC
LTEX17S-R100-3-1	IR, 100 m, 15°	+	+	12 V DC
LTEX17S-R100-4	IR, 100 m, 15°	+		220 V AC
LTEX17S-R100-3-4	IR, 100 m, 15°	+	+	220 V AC
LTEX17SW-1		+	+	12 V DC
LTEX17SW-3-1		+	+	12 V DC
LTEX17SW-2		+	+	24 V AC
LTEX17SW-3-2		+	+	24 V AC
LTEX17SW-4		+	+	220 V AC
LTEX17SW-3-4		+	+	220 V AC
LTEX17SW-3-5		+	+	PoE

### Tech Specs

### Features

- Ex d IIC T6 Gb explosion-proof marking
- IP68, NEMA-6P enclosure rating
- AISI 304/316L stainless steel construction (available)
- Input power: 12 V DC/24 V AC/220 V AC/PoE (available)
- IR illuminator with distance up to 100 m (328 ft) (optional)
- Built-in/External IR illuminator (optional)
- Included wiper and sunshield (optional)
- Wall mount bracket included

### Available Models

Model	Material
LTEX17	SS304
LTEX17-L	SS316L

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

Model	Illumination	Sunshiel Wiper d	Heater, Blower	Input Power
LTEX17-0		+		
LTEX17-3-1		+	+	12 V DC
LTEX17-3-2		+	+	24 V AC
LTEX17-3-4		+	+	220 V AC
LTEX17-3-5		+	+	PoE
LTEX17S-R30-1 <sup>1</sup>	IR, 30 m, 90° +			12 V DC
LTEX17-ER30-1 <sup>1</sup>	External IR, 30 m, 90°			12 V DC

<b>Model</b>	LTEX17
<b>Type</b>	Back opening
<b>Material<sup>2</sup></b>	<ul style="list-style-type: none"> <li>• AISI 304 stainless steel (LTEX17-0)</li> <li>• AISI 316L stainless steel (LTEX17-L-0)</li> </ul>
<b>Atmospheric Pressure</b>	80 kPa to 106 kPa
<b>Operating Ambient Temperature</b>	-30 °C to 60 °C (-22 °F to 140 °F)
<b>Relative Humidity</b>	5 % to 95 % noncondensing
<b>Protection Rating</b>	<ul style="list-style-type: none"> <li>• Ex d IIC T6 Gb explosion-proof marking</li> <li>• IP68, NEMA-6P enclosure rating</li> </ul>
<b>Input Power<sup>3</sup></b>	<ul style="list-style-type: none"> <li>• 12 V DC (LTEX17S-R30-1)</li> <li>• 24 V AC (LTEX17S-R30-2)</li> <li>• 220 V AC (LTEX17S-R30-4)</li> <li>• PoE (LTEX17S-R30-5)</li> </ul>
<b>Dimensions (W × H × L)<sup>4</sup></b>	<ul style="list-style-type: none"> <li>• 180 mm × 180 mm × 456 mm (7.1 in × 7.1 in × 18.0 in) (LTEX17S-R30)</li> <li>• 180 mm × 380 mm × 456 mm (7.1 in × 15.0 in × 18.0 in) (LTEX17-ER30)</li> </ul>
<b>Internal Usable Size (W × H × L)</b>	<ul style="list-style-type: none"> <li>• 106 mm × 76 mm × 344 mm (4.2 in × 3.0 in × 13.5 in) (LTEX17-0, LTEX17-L-0)</li> <li>• 106 mm × 76 mm × 217 mm (4.2 in × 3.0 in × 8.5 in) with pcb board</li> <li>• 135 mm × 350 mm (5.3 in × 13.8 in) (Ø × L) without internal bracket</li> </ul>
<b>Heater Control<sup>3</sup></b>	On at 15 °C ± 3 °C (59 °F ± 5 °F), off at 25 °C ± 3 °C (77 °F ± 5 °F) (LTEX17S-R30-3-1, LTEX17S-R60-3-1, LTEX17S-R80-3-1, LTEX17S-R80-3-1, LTEX17S-R100-3-1, LTEX17S-R100-3-5)
<b>Blower Control<sup>3</sup></b>	On at 35 °C ± 3 °C (95 °F ± 5 °F), off at 25 °C ± 3 °C (77 °F ± 5 °F) (LTEX17-R30-3-1, LTEX17S-R60-3-1, LTEX17S-R80-3-1, LTEX17S-R80-3-1, LTEX17S-R100-3-1, LTEX17S-R100-3-5)
<b>Window Thickness</b>	15 mm (0.4 in)
<b>Window Viewing Area<sup>4</sup> (Ø)</b>	<ul style="list-style-type: none"> <li>• Outer dimensions: 90 mm (3.5 in)</li> <li>• Internal ring diameter: 48 mm (1.9 in) (LTEX17S-R30, LTEX17S-R60, LTEX17S-R80, LTEX17S-R100)</li> </ul>
<b>Weight<sup>4</sup></b>	<ul style="list-style-type: none"> <li>• 12 kg (26.5 lb) (LTEX17S-R30)</li> <li>• 20 kg (44.1 lb) (LTEX17-ER30)</li> <li>• 13.9 kg (30.6 lb) (wall mount bracket included) (LTEX17S-R30)</li> <li>• 21.9 kg (48.3 lb) (wall mount bracket included) (LTEX17-ER30)</li> </ul>
<b>Cable Outlet</b>	G-3/4" × 2
<b>Heater Control</b>	On at 15 °C ± 3 °C (59 °F ± 5 °F), off at 25 °C ± 3 °C (77 °F ± 5 °F) (optional)
<b>Blower Control</b>	On at 40 °C ± 3 °C (104 °F ± 5 °F), off at 30 °C ± 3 °C (86 °F ± 5 °F) (optional)
<b>Wavelength<sup>4</sup></b>	850 nm (LTEX17S-R30, LTEX17S-R60, LTEX17S-R80, LTEX17S-R100)
<b>Illumination Distance<sup>4</sup></b>	<ul style="list-style-type: none"> <li>• 30 m (98 ft) (LTEX17S-R30)</li> <li>• 60 m (196 ft) (LTEX17S-R60)</li> <li>• 80 m (262 ft) (LTEX17S-R80)</li> <li>• 100 m (328 ft) (LTEX17S-R100)</li> </ul>
<b>Beam Angle<sup>4</sup></b>	<ul style="list-style-type: none"> <li>• 90° (LTEX17S-R30)</li> <li>• 60° (LTEX17S-R60)</li> <li>• 30° (LTEX17S-R80)</li> <li>• 15° (LTEX17S-R100)</li> </ul>
<b>LED Lifetime<sup>4</sup></b>	20,000 hours (LTEX17S-R30, LTEX17S-R60, LTEX17S-R80, LTEX17S-R100)
<b>Light On/Off<sup>4</sup></b>	On when illumination is lower than 4 lux (LTEX17S-R30, LTEX17S-R60, LTEX17S-R80, LTEX17S-R100)
<b>Related Products</b>	-

4. The spec for LTEX17S-R30-\_-\_, LTEX17S-R60-\_-\_, LTEX17S-R80-\_-\_ and LTEX17S-R100-\_-\_ is the same as LTEX17S-R30, LTEX17S-R60, LTEX17S-R80 and LTEX17S-R100 respectively.

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

1. All of the illumination spec are external IR version (LTEX17-ER-\_-\_-\_) available.
2. The material for LTEX17-\_-\_ and LTEX17-L-\_-\_ is the same as LTEX17-0 and LTEX17-L-0, respectively.
3. The spce for LTEX17-\_-\_-1, LTEX17-\_-\_-2, LTEX17-\_-\_-4 and LTEX17-\_-\_-5 is the same as LTEX17-R30-1, LTEX17-R30-2, LTEX17-R30-4 and LTEX17-R30-5.