

LTEX17S-R100-1

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



Model	Illumination	Sunshie Wiper Id	Heater, Input Power Blower
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	Sunshield Wiper	Heater, Input Power Blower
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 ¹	IR, 30 m, 90°	+	12 V DC
LTEX17-ER30-1 ¹	External IR, 30 m, 90°		12 V DC
LTEX17S-R30-3-1	IR, 30 m, 90°	+	12 V DC

Model	LTEX17
Type	Back opening
Material²	<ul style="list-style-type: none"> • AISI 304 stainless steel (LTEX17-0) • AISI 316L stainless steel (LTEX17-L-0)
Atmospheric Pressure	80 kPa to 106 kPa
Operating Ambient Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Relative Humidity	5 % to 95 % noncondensing
Protection Rating	<ul style="list-style-type: none"> • Ex d IIC T6 Gb explosion-proof marking • IP68, NEMA-6P enclosure rating
Input Power³	<ul style="list-style-type: none"> • 12 V DC (LTEX17S-R30-1) • 24 V AC (LTEX17S-R30-2) • 220 V AC (LTEX17S-R30-4) • PoE (LTEX17S-R30-5)
Dimensions (W × H × L)⁴	<ul style="list-style-type: none"> • 180 mm × 180 mm × 456 mm (7.1 in × 7.1 in × 18.0 in) (LTEX17S-R30) • 180 mm × 380 mm × 456 mm (7.1 in × 15.0 in × 18.0 in) (LTEX17-ER30)
Internal Usable Size (W × H × L)	<ul style="list-style-type: none"> • 106 mm × 76 mm × 344 mm (4.2 in × 3.0 in × 13.5 in) (LTEX17-0, LTEX17-L-0) • 106 mm × 76 mm × 217 mm (4.2 in × 3.0 in × 8.5 in) with pcb board • 135 mm × 350 mm (5.3 in × 13.8 in) (Ø × L) without internal bracket
Heater Control³	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)
Blower Control³	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)
Window Thickness	15 mm (0.4 in)
Window Viewing Area⁴ (Ø)	<ul style="list-style-type: none"> • Outer dimensions: 90 mm (3.5 in) • Internal ring diameter: 48 mm (1.9 in) (LTEX17S-R30, LTEX17S-R60, LTEX17S-R80, LTEX17S-R100)
Weight⁴	<ul style="list-style-type: none"> • 12 kg (26.5 lb) (LTEX17S-R30) • 20 kg (44.1 lb) (LTEX17-ER30) • 13.9 kg (30.6 lb) (wall mount bracket included) (LTEX17S-R30) • 21.9 kg (48.3 lb) (wall mount bracket included) (LTEX17-ER30)
Cable Outlet	G-3/4" × 2
Heater Control	On at 15 °C ± 3 °C (59 °F ± 5 °F), off at 25 °C ± 3 °C (77 °F ± 5 °F) (optional)
Blower Control	On at 40 °C ± 3 °C (104 °F ± 5 °F), off at 30 °C ± 3 °C (86 °F ± 5 °F) (optional)
Wavelength⁴	850 nm (LTEX17S-R30, LTEX17S-R60, LTEX17S-R80, LTEX17S-R100)
Illumination Distance⁴	<ul style="list-style-type: none"> • 30 m (98 ft) (LTEX17S-R30) • 60 m (196 ft) (LTEX17S-R60) • 80 m (262 ft) (LTEX17S-R80) • 100 m (328 ft) (LTEX17S-R100)
Beam Angle⁴	<ul style="list-style-type: none"> • 90° (LTEX17S-R30) • 60° (LTEX17S-R60) • 30° (LTEX17S-R80) • 15° (LTEX17S-R100)
LED Lifetime⁴	20,000 hours (LTEX17S-R30, LTEX17S-R60, LTEX17S-R80, LTEX17S-R100)
Light On/Off⁴	On when illumination is lower than 4 lux (LTEX17S-R30, LTEX17S-R60, LTEX17S-R80, LTEX17S-R100)
Related Products	-

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