

LTC 9380 Series Outdoor Housings

- For 1/3-inch or 1/2-inch Format CCD Cameras
- All Aluminum Construction
- Easy Installation
- Available in Two Lengths
- Built-in Window Heater/Defogger
- Accessories Available



The LTC 9380 Series of environmental housings are attractive aluminum enclosures designed for outdoor CCD camera installations. Slim and compact, the LTC 9380 Series are available in two lengths.

These housings are constructed of extruded aluminum and include a

one-piece camera/lens mounting cradle with front- and rear-end caps. The front-end cap contains the glass viewing window with an integral heater design that minimizes fogging of the window in high humidity areas or freezing under cold temperature conditions. The aluminum rear-end cap

contains three liquid-tight fittings which permit pass-through of video coax, AC power, and lens control wiring. Both end caps are sealed with lubricated O-rings.

The permanent base permits mounting to pan/tilts, adjustable heads, and various wall mounts.

SPECIFICATIONS

Electrical

Model No.	Power Transformer ¹		Voltage Output	Nominal Power ²
	Rated Input	Voltage Range		
LTC9383/60	115 VAC, 50/60 Hz	108 to 132	24 VAC, 50/60 Hz	30 W
LTC 9383/20	24 VAC, 50/60 Hz	21.6 to 26.4	24 VAC, 50/60 Hz	30 W
LTC 9383/10 ³	24 VAC, 50 Hz	21.6 to 26.4	24 VAC, 50 Hz	30 W
LTC 9383/50	230 VAC, 50/60 Hz	207 to 253	24 VAC, 50/60 Hz	30 W
LTC 9388/60	115 VAC, 50/60 Hz	108 to 132	24 VAC, 50/60 Hz	30 W
LTC 9388/20	24 VAC, 50/60 Hz	21.6 to 26.4	24 VAC, 50/60 Hz	30 W
LTC 9388/10 ³	24 VAC, 50 Hz	21.6 to 26.4	24 VAC, 50 Hz	30 W
LTC 9388/50	230 VAC, 50/60 Hz	207 to 253	24 VAC, 50/60 Hz	30 W

1. The power transformers included with these housings are used to provide heater power, and can be used to provide isolated camera power.
2. Heater requires 10 watts.
3. IEC approved 24 VAC units.

Mechanical

Maximum Camera/Lens Size:

LTC 9383: Accepts cameras up to 64 W x 54 H mm (2.5 x 2.1 in), lenses up to 67 W x 75 H mm (2.6 x 2.9 in), and camera/lens combinations up to 252 mm L (9.9 in).

LTC 9388: Accepts cameras up to 64 W x 54 H mm (2.5 x 2.1 in), lenses up to 67 W x 75 H mm (2.6 x 2.9 in), and camera/lens combinations up to 353 mm L (13.9 in).

Cable Entry: Three liquid-tight fittings. Accepts the following cable diameters: one fitting 2.3 mm to 6.4 mm (0.09 in to 0.25 in), two fittings 3.8 mm to 10 mm (0.15 in to 0.39 in).

Window: 3 mm (0.118 in) thick glass. Includes thermostatically-controlled window heater-defogger.

Housing Mounting: Three (3) 1/4-20 tapped holes.

Camera Mounting: Removable cradle assembly with hole pattern for mounting camera/lens assembly. Cradle may be rotated through 360°.

Construction: Extruded aluminum housing, aluminum rear-end cap, aluminum front cap with glass faceplate, and aluminum cradle.

Finish: Mushroom.

Dimensions: See drawing.

LTC 9383: 449 L x 97 W x 112 H mm (17.7 x 3.8 x 4.4 in).

LTC 9388: 551 L x 97 W x 112 H mm (21.7 x 3.8 x 4.4 in).

Weights:

LTC 9383: 1.4 kg (3 lb).

LTC 9388: 1.8 kg (4 lb).

Environmental

Temperature: At external ambient temperatures of -40 °C to +50 °C (-40 °F to +122 °F); maintains internal temperatures between -20 °C to +55 °C (-4 °F to +131 °F).

Salt Atmosphere: MIL-STD-810E, Method 509, Procedure I.

Enclosure Protection: Designed to NEMA-4, IP65, Enclosure Type 3.

Electromagnet Compatibility

EMC Requirements:

Immunity: 89/336/EEC, EN50082-1.

Emission: 89/336/EEC, EN50081-1 Class B.

Safety:

CE: LVD Requirements: 73/23/EEC; EN60065.

UL: UL 1409.

cUL: CSA 22.2, No.1.

Accessories

Sunshield: Provides protection from the direct rays of the sun and promotes cooling to reduce internal housing temperatures.

LTC 9383/00: For LTC 9383 Series housings.

LTC 9388/00: For LTC 9388 Series housings.

Tamper Resistant Kit: Includes screws and insertion tool to permit tamper-resistance for up to 10 housings.

LTC 9380/00: For LTC 9383 and LTC 9388 Series housings.

LTC 9381/00 NPT to PG Conversion Kit: Converts NPT cable entry holes to two PG 11; includes 3/8 inch NPT plug.

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