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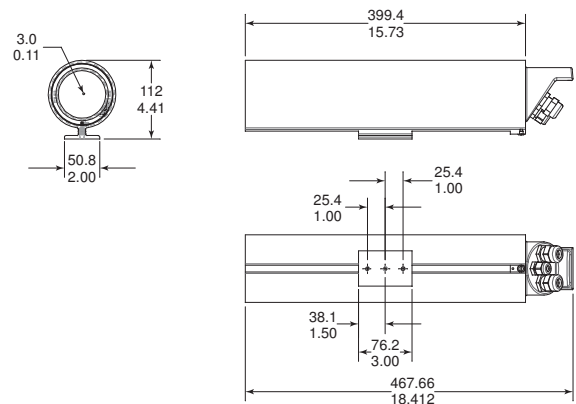
LTC 9384 Series Housings Outdoor



- ▶ For 1/3-inch or 1/2-inch format CCD cameras
- ▶ All aluminum construction
- ▶ IP68, meets NEMA-6P
- ▶ Built-in handle for easy installation
- ▶ Excellent protection against dust & water
- ▶ Built-in window heater/defogger
- ▶ Accessories available

The LTC 9384 Series of environmental housings are attractive aluminum enclosures designed for outdoor CCD camera installations. 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. The permanent base permits mounting to pan/tilts, adjustable heads, and various wall-mounts, and the built-in handle on the back of the housing allows quick installation and service.

Installation/Configuration Notes



Dimensional Outline LTC 9384 Series

Parts Included

Quantity	Component
1	LTC 9384 Series Outdoor Housings

Technical Specifications

Electrical

Power Transformer¹⁾

Model No.	Rated Input	Voltage Range	Voltage Output	Nominal Power ²⁾
LTC 9384/60	115 VAC 50/60 Hz	108 to 132 VAC	24 VAC 50/60 Hz	30 W
LTC 9384/20	24 VAC 50/60 Hz	21.6 to 26.4 VAC	24 VAC 50/60 Hz	30 W
LTC 9384/50	230 VAC 50/60 Hz	207 to 253 VAC	24 VAC 50/60 Hz	30 W
LTC 9384/20NT	24 VAC 50/60 Hz	21.6 to 26.4 VAC	—	30 W

1) The power transformers included with these housings are used to provide power to the heater and can be used to provide isolated camera power.

2) Heater requires 30 watts.

Mechanical

Maximum Camera/Lens Size

LTC 9384/xx	Accepts cameras up to 67 W x 59 H mm (2.6 x 2.3 in), lenses up to 70 W x 70 H mm (2.75 x 2.75 in), and camera/lens combinations up to 292 mm (11.5 in).
LTC 9384/20NT	Accepts cameras up to 67 W x 59 H mm (2.6 x 2.3 in), lenses up to 70 W x 70 H mm (2.75 x 2.75 in), and camera/lens combinations up to 355 mm (14.0 in).

Cable Entry

Three (3) liquid-tight fittings. Accepts the following cable diameters: one (1) fitting 2.3 mm to 6.4 mm (0.09 in to 0.25 in), two (2) 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

Dark Mushroom

Dimensions

See drawing

Weights

LTC 9384/xx	2.5 kg (5.6 lb)
LTC 9384/20NT	2.0 kg (4.4 lb)

Environmental

Temperature

External ambient temperatures of 40 °C to 50 °C (–40 °F to 122 °F)

maintains internal temperatures of –20 °C to 55 °C (–4 °F to 131 °F).

Salt Atmosphere MIL-STD-810E, Method 509, Procedure

Enclosure Protection IP68

Electromagnetic 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 UL2044

cUL CSA 22.2, No.1

Accessories

LTC 9384/00 Sunshield Provides protection from the direct rays of the sun and promotes cooling to reduce internal housing temperatures.

LTC 9380/02 Tamper Resistant Kit Includes screws and insertion tool to permit tamper resistance for one (1) housing.

Ordering Information

LTC 9384/50 Outdoor Housing **LTC9384/50**
NEMA-4, 3-inch diameter and camera / lens up to 292 mm (11.5 inch), 24 VAC, 50 Hz

Accessories

LTC 9384/00 Sunshield **LTC9384/00**

LTC 9380/02 Tamper Resistant Kit **LTC9380/02**

LTC 9381/00 Conversion Kit **LTC9381/00**
NPT to PG

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