



## OUTDOOR POWER SUPPLY

# 24VAC Power Supply

The FLIR 24VAC Outdoor Power Supply provides power via two (2) fuse-protected outputs for FLIR thermal security cameras. The power supply offers a variety of configurations to power up to four outdoor units from a single source. With two 24 or 28 VAC outputs, the 24VAC Power Supply compensates for voltage losses over long wire runs and offers different input voltages. Capable of powering integrated systems, the power supply also allows for full use of cameras with pan/tilt, heating, and blowing functionalities.

## FEATURES

- Multiple input voltage options
- 24 or 28 VAC output for longer wire runs
- Meets NEMA Type 4X/IP66 standards for weatherproof enclosure
- AC power indicator with power on/off switch
- Compatible with fixed-mount, dome, and pan/tilt cameras

## SPECIFICATIONS

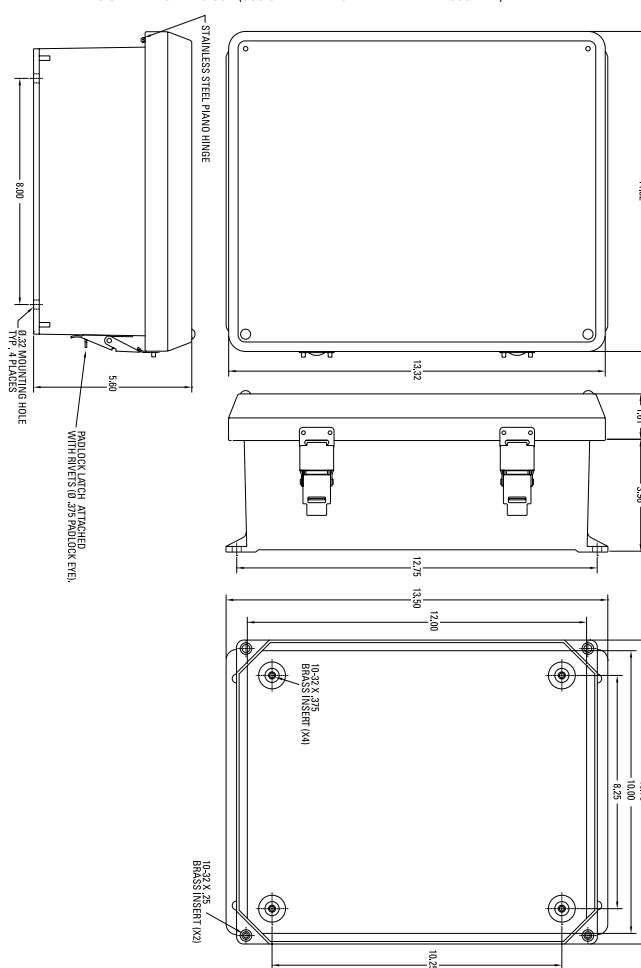
|                                       |   |
|---------------------------------------|---|
| <b>Model</b>                          |   |
| 4124857                               | Outdoor camera power supply, 115 or 230 VAC input. Two fuse-protected 24/28 VAC outputs with total current capacities of 12.5 A (300 VA) and 10 A (280 VA). |
| <b>Mechanical</b>                     |   |
| Cable Entry                           | Hole plugs for 0.75-inch (1.9 cm) conduit   |
| Latch                                 | Stainless steel link-lock latch; can be secured with padlock (not supplied)   |
| <b>Electrical</b>                     |   |
| Input Voltage                         | 115 VAC 60 Hz, 3.0 A or 230 VAC 50 Hz, 1.5 A  |
| Output Voltage                        | 24 VAC @ 12.5 A or 28 VAC @ 10 A  |
| Required Input Current                | 3.0 A, 1.5 A  |
| Output Fuse Ratings                   | 10 A/32 V   |
| Input Connectors                      | Screw-type barrier strips   |
| Output Connectors                     | Screw-type barrier strips   |
| Input Wire Size                       | 12–16 gauge solid wire  |
| <b>Certifications/Ratings</b>         |   |
| CE Marked                             |   |
| UL/cUL Listed                         |   |
| Meets NEMA Type 4X and IP66 standards |   |

The following are the recommended maximum distances (transformer to load) and are calculated with a 10 percent voltage drop. (Ten percent is generally the maximum allowable voltage drop for AC-powered devices.) Distances are calculated in feet; values in parentheses are meters.

### Recommended Wiring Distance Chart

| Input Voltage | Total VA Consumed | Wire Gauge                       |      |                                  |      |                                  |       |
|---------------|-------------------|----------------------------------|------|----------------------------------|------|----------------------------------|-------|
|               |                   | 20 AWG<br>(0.5 mm <sup>2</sup> ) |      | 18 AWG<br>(1.0 mm <sup>2</sup> ) |      | 16 AWG<br>(1.5 mm <sup>2</sup> ) |       |
| 24 VAC        | 25                | 113                              | (34) | 180                              | (55) | 287                              | (87)  |
|               | 50                | 56                               | (17) | 90                               | (27) | 143                              | (43)  |
|               | 70                | 41                               | (12) | 64                               | (19) | 102                              | (31)  |
| 28 VAC        | 25                | 155                              | (47) | 246                              | (75) | 392                              | (119) |
|               | 50                | 77                               | (23) | 122                              | (37) | 195                              | (59)  |
|               | 70                | 55                               | (17) | 88                               | (27) | 135                              | (41)  |

Enclosure Dimensions (H x W x D)  
13.31" x 11.31" x 5.59" (338.074 mm x 287.274 mm x 141.986 mm)



NASDAQ: FLIR

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