

LTCT06

IP66 Thermal Camera



Features

- IP66, NEMA-4X enclosure rating
- Uncooled FPA microbolometer
- f = 9, 18, 37 and 50 mm focal length optional
- 384 × 288 (25 μm) and 640 × 480 (17 μm) sensor format optional
- ONVIF-compliant RTSP video streaming for network version
- PoE supported

Available Models

| Model | Array Format | Pixel Pitch | Lens | Field of View |
|-------------|--------------|-------------|-----------|---------------|
| LTCT06-9 | 384 × 288 | 25 μm | f = 9 mm | 61.1° × 45.9° |
| LTCT06-18 | 384 × 288 | 25 μm | f = 18 mm | 30.6° × 22.9° |
| LTCT06-37 | 384 × 288 | 25 μm | f = 37 mm | 14.9° × 11.2° |
| LTCT06-50 | 384 × 288 | 25 μm | f = 50 mm | 11.0° × 8.1° |
| LTCT06-V-9 | 640 × 480 | 17 μm | f = 9 mm | 69.3° × 52.0° |
| LTCT06-V-18 | 640 × 480 | 17 μm | f = 18 mm | 34.6° × 26.0° |
| LTCT06-V-37 | 640 × 480 | 17 μm | f = 37 mm | 16.9° × 12.6° |
| LTCT06-V-50 | 640 × 480 | 17 μm | f = 50 mm | 12.5° × 9.4° |

Tech Specs

| Model | LTCT06 |
|--------------------------------------|--|
| Detector Type | Uncooled FPA microbolometer |
| Spectral Range | 8 μm to 14 μm |
| Array Format¹ | <ul style="list-style-type: none"> • 384 × 288 (LTCT06-_) • 640 × 480 (LTCT06-V-_) |
| Pixel Pitch¹ | <ul style="list-style-type: none"> • 25 μm (LTCT06-_) • 17 μm (LTCT06-V-_) |
| Video | Full D1 (720 × 576), 25 frames per second |
| Lens | <ul style="list-style-type: none"> • f = 9 mm (LTCT06-9, LTCT06V-9) • f = 18 mm (LTCT06-18, LTCT06-V-18) • f = 37 mm (LTCT06-37, LTCT06-V-37) • f = 50 mm (LTCT06-50, LTCT06-V-50) |
| Protection Rating | IP66, NEMA-4X enclosure rating |
| Operating Ambient Temperature | -40 °C to 60 °C (-49 °F to 140 °F) |
| Relative Humidity | 5 % to 95 % noncondensing |
| Input Power | <ul style="list-style-type: none"> • 12 V DC • PoE |
| Power Consumption | 6 W |
| Dimensions (Ø × L) | 100 mm × 323 mm (3.9 in × 12.7 in) |
| Weight | 1.24 kg (2.7 lb) |
| NETD | less than 100 mK |

1. The spec for LTCT06-_ and LTCT06-V-_ is the same as LTCT06-9 and LTCT06-V-9.

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