

LTCT06

IP66 Thermal Camera



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.

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