

LTCT03

Câmera Térmica IP66



Features

- IP66, NEMA-4X enclosure rating
- Uncooled FPA microbolometer and uncooled VOx microbolometer FLIR detector optional
- f = 7.5, 9, 13, 19, 25, 35, 37 and 50 mm focal length optional
- 384 x 288 (25 µm), 640 x 480 (17 µm), 336 x 256 (25 µm) and 640 x 512 (17 µm) sensor format optional
- Analogue and network version available
- ONVIF-compliant RTSP video streaming for network version
- PoE supported for network version

Available Models

Model	Video	Video
LTCT03A	Analogue	NTSC
LTCT03AP	Analogue	PAL
LTCT03N	Network	-

*Each video versions in the above table has the following models available.

Model	Array Format	Pixel Pitch	Lens	Field of View
LTCT03N-9	384 x 288	25 µm	f = 9 mm	56.1° x 43.6°
LTCT03N-18	384 x 288	25 µm	f = 18 mm	29.9° x 22.6°
LTCT03N-37	384 x 288	25 µm	f = 37 mm	14.8° x 11.1°
LTCT03N-50	384 x 288	25 µm	f = 50 mm	11.0° x 8.2°
LTCT03N-V-9	640 x 480	17 µm	f = 9 mm	62.3° x 48.8°
LTCT03N-V-18	640 x 480	17 µm	f = 18 mm	33.6° x 25.5°
LTCT03N-V-37	640 x 480	17 µm	f = 37 mm	16.7° x 12.6°
LTCT03N-V-50	640 x 480	17 µm	f = 50 mm	12.4° x 9.3°
LTCT03N-F-7	336 x 256	25 µm	f = 7.5 mm	45° x 35°
LTCT03N-F-9	336 x 256	25 µm	f = 9 mm	35° x 27°
LTCT03N-F-13	336 x 256	25 µm	f = 13 mm	25° x 19°
LTCT03N-F-19	336 x 256	25 µm	f = 19 mm	17° x 13°
LTCT03N-F-25	336 x 256	25 µm	f = 25 mm	13° x 10°
LTCT03N-F-35	336 x 256	25 µm	f = 35 mm	9.3° x 7.1°
LTCT03N-FV-13	640 x 512	17 µm	f = 13 mm	45° x 37°
LTCT03N-FV-19	640 x 512	17 µm	f = 19 mm	32° x 26°
LTCT03N-FV-35	640 x 512	17 µm	f = 35 mm	18° x 14°
LTCT03N-FV-50	640 x 512	17 µm	f = 50 mm	12° x 10°

Tech Specs

Model	LTCT03
Detector Type ¹	<ul style="list-style-type: none"> • Uncooled FPA microbolometer (LTCT03A-, LTCT03AP-, LTCT03N-, LTCT03A-V-,

Model	LTCT03 LTCT03AP-V-, LTCT03N-V-) • Uncooled VOx microbolometer (LTCT03A-F-, LTCT03AP-F-, LTCT03N-F-, LTCT03A-FV-, LTCT03AP-FV-, LTCT03N-FV-)
Spectral Range ¹	• 8 µm to 14 µm (LTCT03A-, LTCT03AP-, LTCT03N-, LTCT03A-V-, LTCT03AP-V-, LTCT03N-V-) • 7.5 µm to 13 µm (LTCT03A-F-, LTCT03AP-F-, LTCT03N-F-, LTCT03A-FV-, LTCT03AP-FV-, LTCT03N-FV-)
Array Format ¹	• 384 x 288 (LTCT03A-, LTCT03AP-, LTCT03N-) • 640 x 480 (LTCT03A-V-, LTCT03AP-V-, LTCT03N-V-) • 336 x 256 (LTCT03A-F-, LTCT03AP-F-, LTCT03N-F-) • 640 x 512 (LTCT03A-FV-, LTCT03AP-FV-, LTCT03N-FV-)
Pixel Pitch ¹	• 25 µm (LTCT03A-, LTCT03AP-, LTCT03N-, LTCT03A-F-, LTCT03AP-F-, LTCT03N-F-) • 17 µm (LTCT03A-V-, LTCT03AP-V-, LTCT03N-V-, LTCT03A-VF-, LTCT03AP-VF-, LTCT03N-VF-)
Video ¹	• Analogue: NTSC, 1 Vp-p, 75 ohm (LTCT03A-, LTCT03A-V-, LTCT03A-F-, LTCT03A-FV-) • Analogue: PAL, 1 Vp-p, 75 ohm (LTCT03AP-, LTCT03AP-V-, LTCT03AP-F-, LTCT03AP-FV-) • Network: Full D1 (720 x 576), 25 frames per second (LTCT03N-, LTCT03N-V-, LTCT03N-F-, LTCT03N-FV-)
Lens	• f = 7.5 mm (LTCT03A-F-7, LTCT03AP-F-7, LTCT03N-F-7) • f = 9 mm (LTCT03A-9, LTCT03AP-9, LTCT03N-9, LTCT03A-V-9, LTCT03AP-V-9, LTCT03N-V-9, LTCT03A-F-9, LTCT03AP-F-9, LTCT03N-F-9) • f = 13 mm (LTCT03A-F-13, LTCT03AP-F-13, LTCT03N-F-13, LTCT03A-FV-13, LTCT03AP-FV-13, LTCT03N-FV-13) • f = 18 mm (LTCT03A-18, LTCT03AP-18, LTCT03N-18, LTCT03A-V-18, LTCT03AP-V-18, LTCT03N-V-18) • f = 19 mm (LTCT03A-F-19, LTCT03AP-F-19, LTCT03N-F-19, LTCT03A-FV-19, LTCT03AP-FV-19, LTCT03N-FV-19) • f = 25 mm (LTCT03A-F-25, LTCT03AP-F-25, LTCT03N-F-25) • f = 35 mm (LTCT03A-F-35, LTCT03AP-F-35, LTCT03N-F-35, LTCT03A-FV-35, LTCT03AP-FV-35, LTCT03N-FV-35) • f = 37 mm (LTCT03A-37, LTCT03AP-37, LTCT03N-37, LTCT03A-V-37, LTCT03AP-V-37, LTCT03N-V-37) • f = 50 mm (LTCT03A-V-50, LTCT03AP-V-50, LTCT03N-V-50, LTCT03A-FV-50, LTCT03AP-FV-50, LTCT03N-FV-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 ¹	• 12 V DC (LTCT03A-, LTCT03AP-, LTCT03A-V-, LTCT03AP-V-, LTCT03A-F-, LTCT03AP-F-, LTCT03A-FV-, LTCT03AP-FV-, LTCT03N-F-, LTCT03N-V-, LTCT03N-F-, LTCT03N-FV-)
Power Consumption ¹	• 12 W (LTCT03A-, LTCT03AP-, LTCT03A-V-, LTCT03AP-V-, LTCT03A-F-, LTCT03AP-F-, LTCT03A-FV-, LTCT03AP-FV-)

Model	LTCT03
	<ul style="list-style-type: none"> 15 W (LTCT03N-_, LTCT03N-V-_, LTCT03N-F-_, LTCT03N-FV-_)

Model	LTCT03
Dimensions (W x H x L) 145 mm x 109 mm x 406 mm (5.7 in x 4.3 in x 16.0 in)	
Weight	6 kg (13.2 lb)
Control	Serial protocol over RS-232

1. The spec for **LTCT03A-_, LTCT03AP-_, LTCT03N-_, LTCT03A-V-_, LTCT03AP-V-_, LTCT03N-V-_, LTCT03A-F-_, LTCT03AP-F-_, LTCT03N-F-_, LTCT03A-FV-_, LTCT03AP-FV-_, and LTCT03N-FV-_** is the same as **LTCT03A-9, LTCT03AP-9, LTCT03N-9, LTCT03A-V-9, LTCT03AP-V-9, LTCT03N-V-9, LTCT03A-F-9, LTCT03AP-F-9, LTCT03N-F-9, LTCT03A-FV-13, LTCT03AP-FV-13, and LTCT03N-FV-13.**

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