

T-256 Specifications:

Thermal Camera

Detector Type	UFPA
Detector Resolution	256x192
Pixel Size	12 μ m
Thermal Sensitivity (N.E.T.D)	\leq 40mK (0.04°C)@30°C

Manual Focus Option 1

FOV/Min. Focus Distance	20°x15°/0.25m
I FOV	1.33mrad
Focus Type/Min. Focus Distance	Manual/25cm

Fixed Focus Option 2

Focus/Min. Focus Distance	Focus Free/50cm
Field of View (FOV) / IFOV	56°x42° / 3.4 mRad
Spectral range	7.5~14um

Measurement

Temperature Range	-20°C ~ + 550°C
Accuracy	\pm 2°C or \pm 2% of readings

Image Presentation

Image Mode	IR/Digital/Fusion
LCD Display	3"inch Capacitive Touch Screen (640x480 colour)
Frame Rate	30Hz
File Format (Thermal/Digital)	JPEG
Image Storage	64GB TF Card

Power

Battery Type	3.7 V 3500mAH Removable Li-ion Battery
Battery Life	5 Hours

Environment

Encapsulation	IP54
Operating Temperature	-20°C~+60°C
Shock	25G
Vibration	2G

Physical Characteristics

Weight	<500g including battery
Dimensions	Height 25cm Camera Head Length 13cm

Additional Features

Laser	Support
Flashlight	Support
Wireless screen projection	Support
Operating System	Android
Ports	USB Type C, HDMI
Wi-Fi, Bluetooth, Light	Yes

Accessories

Li-ion Battery, Power Supply, USB Cable & Carry Case	Yes
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