

The **THT32** model is basic infrared camera with 32x31pxl resolution designed to detect in quick way (thanks to “Blending Fusion” technology) the heat map emitted by the surface of the object under test.





1. IMAGING PERFORMANCE

Thermal	
Detector type	UPC (Uncooled Pyroelectric Ceramic)
Spectral range	6.5 ÷ 14µm
Resolution / Pxl size	32x31pxl
Thermal sensitivity	<0.15°C (150mK)
Field of View (FOV)	38° x 38°
Focusing	Fixed focus
Image frequency	9Hz
Color palettes	6 selectable palettes
Visible	
Integrated camera	48608pxl

2. IMAGING / IR VIDEO DISPLAY

Display type	2.2" LCD, TFT colour, 320x240pxl
Blending Fusion	IR image blending with visible (0% ÷ 100%, step 25%)

3. MEASUREMENT

Temperature range	-20°C ÷ 300°C (-4°F ÷ 572°F)
Measurement unit	°C, °F
Accuracy (@ 25°C)	±2%rdg or ±2°C
Measurement cursors	3 (MIN, MAX, FIXED)
Measurement modes	Automatic
Emissivity correction	0.01 ÷ 1.00
Measurement features	Automatic correction based on emissivity and reflexed temperature

4. IMAGE STORAGE AND PC INTERFACE

Memory	Micro SD card 4GB
File format	BMP
Memory size	6000 images
PC interface	USB 2.0

5. POWER SYSTEM

Battery type	Rechargeable Li-ION, 3,7V 1400mAh
Charging system	In camera
Battery life	2 hours (stand-by)
External power	External adapter 100/240VAC (50/60Hz)/5VDC

6. GENERAL SPECIFICATIONS

Operating temperature	0°C ÷ 50°C
Operating humidity	10% ÷ 90%HR
Storage temperature	-20°C ÷ 60°C
Storage humidity	10% ÷ 90%HR
Dimensions (L x W x H)	205 x 155 x 62mm
Weight(battery included)	410g