



TTC Series

TTC738

Thermal Temperature Camera Functions

- Infrared Lens Focal Length:7.6mm
- Resolution 384*288, high sensitivity detector, support contrast adjustment
- Highest temperature cross positioning
- Support point, line, frame temperature measurement
- Temperature measurement range: 28-45°C Temperature measurement accuracy: $\pm 0.5^{\circ}\text{C}$
- Support 3D noise reduction function, false color adjustable, image detail enhancement function
- Support optical transmittance correction function
- Small size and easy to integrate



Thermal Module Parameters

Image Sensor	VOx Uncooled Focal Plane Arrays
Max. Resolution	384 × 288
Response Waveband	8 μm to 14 μm
NETD	<70 mK (@30°C), F# = 1.0
Lens (Focal Length)	7.6mm
Field of View	50.0° × 37.1°
F #	F/#1.0
Frame Rate	25 Hz
Temperature Measurement Range	28°C-45°C
Temperature Measurement Accuracy	±0.5°C
Ethernet port	100Mbit/s, network cable length 1m, bending resistance 2 million times.
Application Programming Interface	Support 16/32bit 384*288 pixels temperature data output

System Parameters

Mounting	2-M3 Threaded interface 1/4" - 20 UNC Tripod mount
Power	DC10-30V
Power Consumption	2.3 W
Operating Temperature	From -10°C to +50°C; Humidity: < 95% RH
Ambient Temperature	20 to 35°C
Protection Level	IP66
Shell Material	Aluminum Alloy
Weight	320g
Dimensions	84.9mm x54mm x 54mm