

KFY2020-T200-HT	
Thermal Module	
Image Sensor	Polycrystalline Silicon
Resolution	160 x 120
Detector Pitch	25 μm
Response Waveband	8μm ~ 14μm
NETD	0.06°C @30°C
Angle of View	25° x 19°
Min. Object Distance	10cm
Focus Control	Manual
Optical Camera	
Resolution	1280 x 720
Frame Rate	1-30fps
Image Format	JPEG / H.264
Temperature Measurement	
Measurement Range	+20°C ~ +50°C
Measurement Accuracy	≤±0.5°C (without Black Box), ≤±0.3°C (with optional Black Box)
Measurement Distance	2 ~ 5m
Measurement Correction	Auto / Manual
Measurement Pattern	Maximum temperature tracking, Temperature alarm (sound, color)
Radiance Correction	0.01 to 1.0 adjustable
Environmental Parameter Correction	Auto correction based on input distance, ambient humidity and ambient temperature
Setup Functions	Date / Time, Temperature Unit (°C/°F/ K), Language, Contrast / Brightness etc.
Display	
Size	3.5 inch LCD touch screen
Screen Resolution	640 x 480
Display Mode	Thermal / Optical / PIP
Image Adjustment	Auto / Manual Adjustment of Contrast, Brightnes; Automatic enhancement mode
Battery	
Capacity	2600mAh
Replaceable	Supported
Usage Time (Hours)	≥4 hours (LCD 50% brightness, LED lights off) ≥8 hours (energy saving mode)
Charging Dration	<3 hours (@ 25°C)
Interfaces	
Memory Slot	Micro SD card slot, supports up to 128GB (8GB included)
Video Output	1 x CVBS (AUX to CVBS)
Audio in	built-in Mic
Environmental	
Operating Temperature	0°C ~ 40°C
Operating Humidity	0% ~ 95%(without condensation)
Protection Level	IP54
Installation Mode	Handheld or Tripod mounted
Electrical	
Power	DC12V external power supply or built-in battery
Mechanical	
Weight	1kg
Dimensions	105mm*230mm*245mm (L*W*H)
Accessories	
Standard	Packing Box, Video Converting Cable, Lens Cover, Battery, Power Adapter
Options	Tripod

**KFY2020-T200-HT
Portable Thermal Thermometer**

Features

Portable Temperatre Measurement

Light weight of 1KG and compact dimension
 Portable handheld or tripod mounted installation, fast to deploy
 High temperatre measurement accuracy up to ≤±0.3°C (with Black Box)
 Wide measurement range with +20°C ~ +50°C
 160 x 120 Thermal Resolution and 1280 x 720 Optical Resolution

High Level Protection

IP54, adaptive to various environments
 2 meters drop protection

