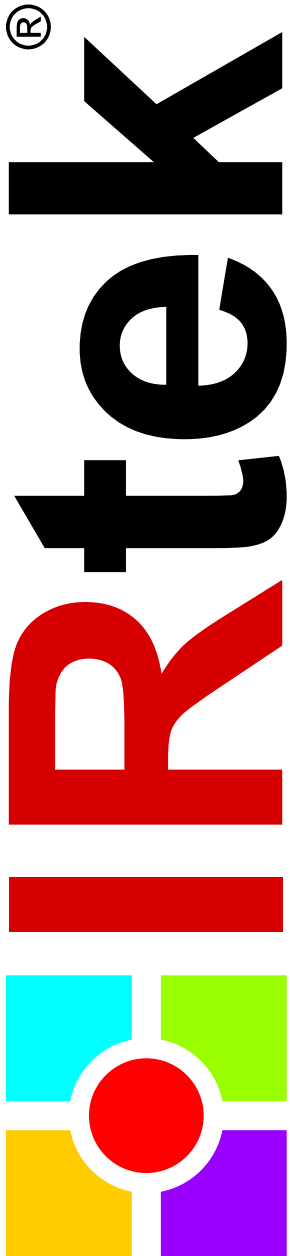




Ti160 Thermo Kwik **Ti384** Thermo Klear

FEATURES

- 2 meters drop resistant
- 1.3 million pixels CCD image
- various temperature measurement functions
- IP54, dust & splashing water protected
- JPEG storage with voice annotation
- IrAnalyser, analysis & report software



The Language of Temperature Through Color

SPECIFICATIONS

DETECTOR CHARACTERISTIC

Detector type : Uncooled FPA microbolometer
Array size : 160x120pixels (Ti160) | 384x288pixels (Ti384)

IMAGE CHARACTERISTICS

Field of view : 25° x 19°
Min. focus distance : 0.1m
Spatial resolution (IFOV) : 2.73mrad (Ti160) | 1.37mrad (Ti384)
Thermal sensitivity : ≤0.08°C@30°C (Ti160) | ≤0.06°C@30°C (Ti384)
Image frame rate : 50/60Hz
Focus : manual
Zoom : x2
Spectral range : 8 ~ 14µm
Built-in CCD camera : 1.3 million pixels, CMOS camera module

IMAGE DISPLAY

LCD display : 2.7" TFT LCD (320x240pixels)

MEASUREMENT

Temperature range : -20 ~ 350°C (Ti160) | -20 ~ 600°C (Ti384)
Accuracy : ±2°C or ±2% of reading whichever is greater
Measurement correction : automatic / manual
Measurement mode : up to 4 movable spots, up to 3 movable areas (max., min., & average temp.), up to 2 movable lines, line profil, isotherms, temperature difference, alarm (voice, color)
Colour palette : 11 palettes changeable
Image adjustment : auto / manual gain / brightness
Setup function : date/time, temperature unit, language
Emissivity : 0.01 ~ 1.00
Measurement features : automatic correction based of data input of distance, humidity, & ambient temperature

IMAGE STORAGE

Storage card : SD card, max. 16GB
Storage mode : manual / auto single file saving, IR and visual image link saving
File format : thermal : JPEG with original thermal measurement data included
visual : JPEG
Voice annotation : a built-in microphone up to 60 seconds of digital voice clip with each cared thermal imaging

LASER POINTER

Laser locator : class 2, 1mW/635nm (red), IEC 60 285
Power source :
Battery type : Li-ion, rechargeable
Battery operating time : 3 hours continuous operation
battery charging mode : intelligent charger or power adaptor 12V (optional) to random charge
Power saving : auto dormancy and auto shut down
External power : 10 ~ 15V DC

ENVIRONMENT

Operating temperature : -15 ~ 50°C
Humidity : 90% non-condensing
Encapsulation : IP54
Drop resistant : 2m

PHYSICAL CHARACTERISTIC

Weight : 1kg
Dimension : 105 x 245 x 230mm

INTERFACE

Interface : Micro SD card slot, external DC input, video output, USB

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092012B01

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