

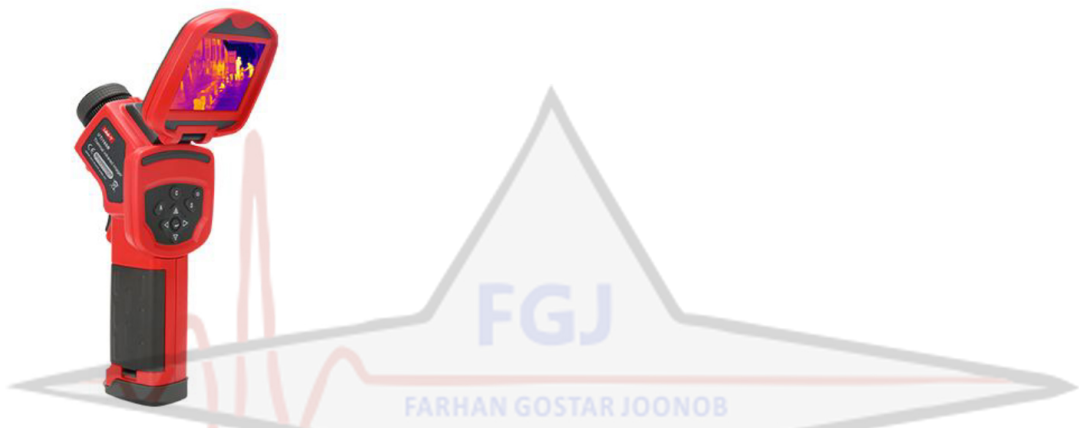
Thermal Imager UTi160B

UTi160B (160*120): Point-and-Detect, Imaging Clearly: "Direct to Target" design permits simultaneous view on image and temperature data during aiming at objects. It delivers clear and crisp images without missing instant details or defects, such as frame drop or trailing, so as to find out all problems.

Applicable industries: electric power, construction, electronics, smelting, energy, railway, automobile, petrochemical



EN61326-1
EN60825-1



Technical Specifications:

Specifications	
Model	UTi160B
Sensor Type	Uncooled Focal Plane Arrays
Resolution	160*120 pixels
Field of View /Minimum Focus Distance	20°×15°/0.1m
Spatial Resolution(IFOV)	2.2mrad
Visible Light Resolution	No
Image Mode	Infrared
Focus	Manual

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Infrared Spectral Bandwidth	8~14um
NETD	≤0.08°C@30°C
Temperature Range	-20°C~300°C
Accuracy	±2°C or ±2% (whichever is greater)
Features	
Display Type	3.5" TFT LCD, Rotatable
Palettes	Iron, Iron-Invert, Rainbow, Feather, Grey, Grey Inverted
Image Adjustment	Auto/Manual
Image Format	*.TIF
Video Output	Support; PAL (50Hz) or NTSC (60Hz) (With Optional Base)
Measurement Mode	Movable Spot, Area (MAX,MIN)
Parameters Setting	Emissivity, Distance, Temperature, Relative Humidity
Temperature Calibration	√
High/Low Temperature Alarm	√
Laser Pointer	√
Image Capture	√
Image Storage	2GB SD Card (Support up to 16GB)
Temperature Units	°C/°F
Flashlight	No
Support Languages	English / Simplified Chinese
Power Mode	Standard / Power Saving/Auto Power Off

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Analyzing Software	Professional Version. Analysis any temperature point and creates report in WORD format.
Water Proof Rating	IP54
Impact /Vibration	25G/2G
General characteristics	
Power	Li-ion 1250mAh
Product Color	Red and Grey
Product Net Weight	500g
Product Size	170mm X 80mm X 160mm
Standard Accessories	Batteries, Power Charger, SD Card (2G), Card Reader, Camera Cover, Software CD
Standard Individual Packing	Gift box, Toolbox, User Manual
Standard Quantity Per Carton	5pcs
Standard Carton Measurement	545mm × 380mm × 325mm (0.067 CBM Per Standard Carton)
Standard Carton Gross Weight	11.6kg
Optional Accessories	Power Adapter,16G SD card, Vehicular Power Cord,UTi160B/D-(3.8° , 6.4°,12° , 38°Lens), UTi380D-(9° , 12° , 48°lens) Tailer-made Temperature Range (600°C, 1000°C, 1500°CAvailable)

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