



Uni-Trend Your Testing Specialist!
www.uni-trend.com

UTi740H

Professional Enhanced Thermal Camera

UTi740H is a thermal imager with high-definition IR resolution and digital camera. Its expanded temperature measurement range can basically cover most of measuring scenarios in low or high temperature. Manual focusing technology meets measuring requirements of near and distant targets. For fast and accurate measurement, UTi740H is also packed with a series powerful features such as Digital zoom, Isotherm, On screen analyzer, etc.



Manual focus



-30°C~650°C



IR resolution

384
x
288



5MP digital camera



Detachable battery

5200mAh



PC analysis software



Frame rate

25Hz

Technical Data

IR resolution (Pixels)	384x288
Digital camera resolution	5MP
Display	4.3" IPS (800x480)
Field of view(FOV)	28°x21°
Thermal sensitivity(NETD)	≤60mK
Spatial resolution(IFOV)	1.3mrad
Frame rate	≤25Hz
Pixel size	17μm
Lens focal length	13mm
Focus	Manual
Temperature measurement range	-30°C~650°C (-22°F~1202°F)
Accuracy	±2°C or ±2% whichever is greater

Functions

Image modes	Thermal, Visual Image, Fusion, PIP
On screen analyzer	5 Points/5 Rectangles/5Circles/1 Line
Isotherm	Auto/Manual
Hi/Lo temperature alarm	Icon animation
Digital zoom	1x, 2x, 4x
QR code scanning	√
Software analysis	PC & APP

General Characteristics

USB	USB Type-C
Battery	Detachable Li-ion battery pack with 5200mAh/3.7V (UT-M17)
Battery operating time	≤5 hours
Battery charging time	≤5 hours
Storage	32GB SD card
IP rating	IP54
Drop proof	2m
Certificates	CE, UKCA, FCC, RoHS