

UTi720E

Enhanced Thermal Imager

UTi720E is an advanced thermal imager with Wi-Fi capability. Its large 3.5" IPS screen can clearly display 256x192 thermal resolution, 2MP visual camera, or a blended image of both. UTi720E's detachable battery pack is also convenient for easy and quick battery change, allowing continuously work for long periods of time.



Wide temperature range



Large capacity battery (5200mAh)



Digital zoom



Mobile analysis APP

Technical Data

Display	3.5" IPS (640×480)
IR resolution(Pixels)	256×192
Spectral range	8~14μm
Pixel size	12μm
Frame rate	≤25Hz
Thermal sensitivity(NETD)	≤50mK
Focus	Focus Free
Field of view(FOV)	56°(H) × 42.2°(V)
Spatial resolution(IFOV)	3.8mrad
Temperature measurement range	-20°C~550°C
Accuracy	±2°C or ±2% whichever is greater

Functions

Color palettes	White Hot, Black Hot, Red Hot, Ironbow, Rainbow HC, Rainbow, Lava
Image modes	Thermal, Visual image, Fusion, PIP
On screen analyzer	5 Points/1 Line/3 Rectangles/3 Circles
Isotherm	Auto/Ratio/Below/Above/Section/Manual
HI/LO temperature alarm	LCD animation & LED flashlight
HI/LO temperature tracking	√
Digital camera resolution	2MP
Digital zoom	2x, 4x
Wi-Fi	√
LED lighting	√
Analysis software	PC+APP

General Characteristics

Battery	5200mAh detachable Li-ion battery pack (UT-M17)
Operating time	≥3 hours (with Wi-Fi off)
USB	Type-C
Image storage format	Radiometric JPEG
Protection	IP54 & 2m drop proof
Certificates	CE, UKCA, FCC, RoHS
Languages	EN, FR, DE, ES, RU
Weight	654g
Dimension	260mm×97mm×99mm

Packing Details

Standard accessories	Type-C USB cable, Li-ion battery pack, English Manual, Documents Download Operation Guide
Standard individual packing	Toolbox & Gift box
Standard Qty per carton	1pcs
Standard carton size	400mm×185mm×345mm
Standard carton G.W.	3.7kg