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## UT17401

## 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.

















1x, 2x, 4x

PC & APP

CE, UKCA, FCC, RoHS



Frame rate



-30°C~650°C IR resolution

5MP digital camera

battery



Technical Data		
IR resolution (Pixels)	384×288	
Digital camera resolution	5MP	
Display	4.3" IPS (800×480)	
Field of view(FOV)	28°×21°	
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	

## **General Characteristics**

Digital zoom

Certificates

QR code scanning Software analysis

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