

Model No.	UTi720E ✘	UTi720A ✘	UTi720V ✘
Technical Datas			
Display	3.5"IPS (640*480)	2.8" TFT LCD (320x240)	3.5" IPS Touch (640*480)
IR resolution (Pixels)	256×192	256×192	256×192
Super resolution(Pixels)	—	—	— 
Spectral range	8~14μm	8~14μm	8~14μm
Pixel size	12μm	12μm	12μm
Frame rate	≤25Hz	≤25Hz	≤25Hz
Thermal sensitivity(NETD)	≤50mK	≤50mK	≤50mK
Focus	Focus Free	Focus Free	Focus Free
Field of view (FOV)	56°×42.2°	56°(H) × 42.2°(V)	56°(H) × 42.2°(V)
Spatial resolution(IFOV)	3.8mrad	3.8mrad	3.8mrad
Temperature measurement range	-20°C~550°C	-20°C~400°C	-20°C~550°C
Accuracy	±2°C or ±2% whichever is greater	±2°C or ±2% whichever is greater	±2°C or ±2% whichever is greater
Functions			
Color palettes	White Hot, Black Hot, Red Hot, Ironbow, Rainbow HC, Rainbow, Lava	White Hot, Black Hot, Red Hot, Ironbow, Lava, Rainbow, Rainbow HC	White Hot, Black Hot, Red Hot, Ironbow, Rainbow HC, Rainbow, Lava



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Bluetooth	—	—	—
GPS	—	—	—
Laser pointer / LRF	—	—	√
LED lighting	√	√	√
Analysis software	PC+APP	PC	PC+APP
General Characteristics			
Battery	5200mAh detachable Li-ion battery pack (UT-M17)	5000mAh rechargeable Li-ion battery	5200mAh detachable Li-ion battery pack (UT-M17)
Battery operation time	≥3 hours (with Wi-Fi off)	≥ 7 hours	≥4 hours (with Wi-Fi off)
USB	Type-C	Type-C	Type-C
Storage	32GB SD card	32GB SD card	32GB Micro SD card
Image storage format	JPG	BMP	JPG
Video storage format	—	—	AVI
Protection	IP54 & 2m drop proof	IP65 & 2m drop proof	IP54 & 2m drop proof
Certificates	CE, UKCA, FCC, RoHS	CE, FCC, RoHS	CE, UKCA, FCC, RoHS
Languages	EN, FR, DE, ES, RU	EN, FR, DE, IT, ES, SV	EN, FR, DE, IT, ES, SV, PL, CZ
Weight	654g	490g	654g
Dimension	260mm×97mm×99mm	236mm×75.5mm×86mm	260mm×97mm×99mm



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Image modes	Thermal, Visual image, Fusion, PIP	Thermal	Thermal, Visual image, T-Mix fusion, PIP
On screen analyzer	5 Points/1 Line/3 Rectangles/3 Circles	3 Points	5 Points/1 Line/3 Rectangles/3 Circles
Isotherm	Auto/Ratio/Below/Above/Section/Manual	—	Auto/Manual
Level & Span	—	—	—
Image outline	—	—	—
Panoramic stitching	—	—	—
Temperature compensation	—	—	—
Hi/Lo temperature alarm	LCD animation & LED flashlight	LCD animation & LED flashlight	LCD animation, LED flashlight, Buzzer
Hi/Lo temperature tracking	√	√	√
AI recognition	—	—	—
All-around voice assistant	—	—	—
Annotation	—	—	—
Digital camera resolution	2MP	—	5MP
Digital zoom	2x, 4x	—	2x, 4x
Video recording	—	—	√
Voice recording	—	—	√
Smart meter	—	—	—
NFC	—	—	—
Wi-Fi / Wi-Fi live streaming	√ / —	—	√



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