

UNI-T Echo Thermal Imagers are more cost effective and also includes a wider temperature measurement range compared with the Classic series. Echo's extra functions are digital camera and thermal blending on selected models. This series is also very user friendly and rugged enough to pass IP65 and 2m drop tests.



UTi120S



UTi260B

Models	UTi120S	UTi120B	UTi260B
Certificates	CE, UKCA, FCC	CE, UKCA	CE, UKCA
IR resolution	120x90 pixels	120x90 pixels	256x192 pixels
Screen display	2.4"TFT	2.8"LCD	2.8"LCD
Field of view (FOV)	50°x38°	50°x38°	56°x42°
Thermal sensitivity (NETD)	≤60mk	≤60mk	50mk
Spatial resolution (IFOV)	7.3mrad	7.3mrad	3.8mrad
Focus	Focus free	Focus free	Focus free
Frame rate	≤25Hz	≤25Hz	25Hz
Object temperature range	-20~400°C	-20~400°C	-20~550°C
Measurement accuracy	±2°C or ±2% whichever is greater	±2°C or ±2% (-10°C~400°C) whichever is greater	±2°C or ±2% whichever is greater
Battery	Li-ion battery (3.7V 2600mAh)	Li-ion battery (3.6V 5000mAh)	Li-ion battery (3.6V 5000mAh)
Battery operating time	≥8 hours (TBD)	≥6 hours	≥6 hours
Functions			
Palettes	6	5	7
Measurement presets			Point 3
Digital camera		640 x 480	640 x 480
Image fusion / PIP		Image fusion	Image fusion / PIP
Image capture	✓	✓	✓
LED		✓	✓
Laser	✓		
ROI (eliminates interference)		✓	✓
Auto tracking for Lo / Hi temperature	✓	✓	✓
Alarm	✓	✓	✓
Storage	16G Micro SD Card	16G Micro SD Card	16G Micro SD Card
PC software	Analysis	Analysis, Realtime display	Analysis, Realtime display
Protection	IP54/2m	IP65/2m	IP65/2m
Communication interface	Type-C	Type-C	Type-C