



UTi260V



UTi384H



UTi260B



UTi1024D

UNI-T Pro Thermal Imagers are the flagship series, which support more advanced functions compared to the Enhanced series, such as thermal video recording, audio recording, laser distance measurement, GPS etc. Various functions and models suitable for different industrial applications, and helps engineers to obtain necessary data and to troubleshoot target equipment.

Models	UTi260V	UTi320V+	UTi384H	UTi640D	UTi1024D	UTi256G	UTi384G
Functions							
Certificates	CE, UKCA, FCC	CE, UKCA, FCC	CE, UKCA, FCC	TBD	TBD	CE, UKCA, FCC	CE, UKCA, FCC
IR resolution	256x192 pixel	320x240 pixel	384x288 pixels	640x480 pixel	1024x768 pixel	256x192 pixel	384x288 pixels
Screen display	3.5"IPS Touch	3.5"IPS Touch	4.3" TFT Touch	5.0" Touch	5.8" Touch	3.5"IPS Touch	3.5"IPS Touch
Field of view (FOV)	56°x42°	56°x42°	20°x15°	24.5°x18.5°	31°x23°	28°x20°	42°x30°
Thermal sensitivity (NETD)	50mk	65mk	50mk	45mk	45mk	50mk	50mk
Spatial resolution (IFOV)	3.8mrad	3mrad	0.92mrad	0.68mrad	0.68mrad	1.91mrad	1.91mrad
Focus	Focus free	Focus free	Manual	Manual / Electric / Auto	Manual / Electric / Auto	Manual	Manual
Frame rate	30Hz	9Hz	50Hz	50Hz	50Hz	30Hz	50Hz
Object temperature range	-20~550°C	-40~400°C	-20~600°C	-40~150°C /100~650°C	-40~150°C /100~650°C	-20~550°C	-20~600°C
Measurement accuracy	±2°C or ±2% whichever is greater	±2°C or ±2% whichever is greater	±2°C or ±2% whichever is greater	±2°C or ±2% whichever is greater	±2°C or ±2% whichever is greater	±2°C or ±2% whichever is greater	±2°C or ±2% whichever is greater
Battery	Li-ion battery pack(5200mAh)	Li-ion battery pack(5200mAh)	Li-ion battery pack(5200mAh)	Li-ion battery	Li-ion battery	Li-ion battery pack(5200mAh)	Li-ion battery pack(5200mAh)
Battery operating time	≥3.5 hours	≥4 hours	≥3 hours	≥3 hours	≥2 hours	≥3 hours	≥3 hours
Functions							
Palettes	7	7	7	6	6	6	6
Measurement presets	(Point 5 /Line 1 /Area 6) total 6 tools	(Point 5 /Line 1 /Area 6) total 6 tools	(Point 5 /Line 1 /Area 6) total 6 tools	Point 10, Line 5, Area 10	Point 10, Line 5, Area 10	Point 3, Area 3	Point 5, Area 5
Digital camera	5MP	5MP	5MP	5MP	5MP	5MP	5MP
Image fusion / PIP	√	√	√	√	√	√	√
Image capture / Video Recording	Image capture / Video Recording	Image capture / Video Recording	Video Recording	Image capture / Video Recording	Image capture / Video Recording	Image capture / Video Recording	Image capture / Video Recording
Voice Recording	√	√	TBD	√	√	√	√
LED	√	√	TBD	√	√	√	√
Laser / Distance measurement	Laser / Distance measurement	Laser / Distance measurement	TBD	Laser	Laser	Laser	Laser
WiFi download photo and realtime display	√	√	√	√	√	√	√
GPS			√	√	√		
Bluetooth				√	√	√	√
ROI (eliminates interference)	√	√	√	√	√	√	√
Isotherm	√	√	√	√	√	√	√
Auto tracking for Lo / Hi temperature	√	√	√	√	√	√	√
Alarm	√	√	√	√	√	√	√
Storage	16G Mcro SD Card	16G Mcro SD Card	16G Mcro SD Card	16G internal / SD Card	16G internal / SD Card	8GB Internal , 16GB SD Card	8GB Internal , 16GB SD Card
PC software	Analysis, Realtime display	Analysis, Realtime display	Analysis, Realtime display	Analysis, Realtime display	Analysis, Realtime display	Analysis, Realtime display	Analysis, Realtime display
Protection	IP54/2m	IP54/2m	IP54/2m	IP54	IP54	IP54/2m	IP54/2m
Communication interface	Type-C	Type-C	Type-C	Type-C/HDMI	Type-C/HDMI	Type-C	Type-C