

# UNI-T®

## UTi730E

### Enhanced Thermal Imager

UTi730E is an advanced thermal imager with Wi-Fi capability. Its large 3.5" IPS screen can clearly display 320x240 thermal resolution, 2MP visual camera, or a blended image of both. UTi730E'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

#### General Characteristics

|                               |                                  |
|-------------------------------|----------------------------------|
| IR resolution                 | 320x240 pixels                   |
| Display                       | 3.5" IPS (640x480 pixels)        |
| Field of view (FOV)           | 56° (H) x 42° (V)                |
| Thermal sensitivity (NETD)    | 65mK                             |
| Spatial resolution (IFOV)     | 3mrad                            |
| Frame rate                    | 25Hz                             |
| Temperature measurement range | -20°C ~ 550°C (-4°F ~ 1022°F)    |
| Accuracy                      | ±2°C or ±2% whichever is greater |
| Battery                       | Li-ion battery (3.7V 5200mAh)    |
| Battery operating time        | Continuous operating time ≥4h    |

#### Function

|                                       |                                                                       |
|---------------------------------------|-----------------------------------------------------------------------|
| Palettes                              | 7 (White hot, Black hot, Red hot, Ironbow, Rainbow HC, Rainbow, Lava) |
| Digital zoom                          | 2x, 4x                                                                |
| Image modes                           | Thermal, Visual Image, Fusion, PIP                                    |
| Isotherm                              | 6 (Auto, Ratio, Below, Above, Section, Manual)                        |
| LED flashlight                        | Dual LED flashlight                                                   |
| Wi-Fi download photos with mobile APP | √                                                                     |
| Auto tracking for Lo/Hi temperature   | √                                                                     |
| Alarm                                 | √ (Icon/Flashlight)                                                   |
| Storage                               | 16GB Micro SD Card                                                    |
| On screen temperature analysis tools  | Point 5/Line 1/Area 6                                                 |
| Emissivity                            | 0.95 default (0.01~1.00 adjustable)                                   |
| Software                              | Analysis, Real-time display                                           |
| Protection                            | IP54/2m                                                               |
| Certificates                          | CE, UKCA, FCC, RoHS                                                   |
| USB                                   | Type-C                                                                |

#### Package

|                      |                                                                      |
|----------------------|----------------------------------------------------------------------|
| Product net size     | 260mm x 97mm x 99mm                                                  |
| Product net weight   | 630g                                                                 |
| Standard accessories | Micro SD card, Type-C USB cable, English manual, Li-ion battery pack |