

UTi712S

Heavy Duty series

UTi712S a compact thermal imager with a quality build. Some special features include - Temperature compensation. This rugged thermal imager has IP54 protection and can withstand 2 meters drop.

UTi712S also supports 5 languages: English, German, French, Russian, and Spanish.

- Hi/Lo Temperature Tracking;
- Hi/Lo Temperature Alarm;
- Multi-Languages: English, France, German, Russian, Spanish;
- Temperature Compensation;
- Equipped with LED light & Laser pointer;
- Ultra-long Operating Time: ≥ 8 hrs.



Temperature compensation



Long operation time



Buzzer alarm



Laser pointer



PC software analysis



Multi-languages



Technical Data

IR resolution	120×90 pixels
Display	2.4" TFT
Field of view (FOV)	50° (H) ×38° (V)
Thermal sensitivity (NETD)	≤60mk
Spatial resolution (IFOV)	7.3mrad
Focus	Focus free
Frame rate	≤25Hz
Temperature range	-20°C ~ 400°C (-4°F ~ 752°F)
Accuracy	±2°C or ±2% whichever is greater (-10°C ~ 400°C room temperature 25°C)
Battery operating time	Continuous operating time ≥ 8 h

Functions

Color palettes	White hot, Black hot, Ironbow, Rainbow HC, Rainbow, Lava
Emissivity	0.01~1.00 adjustable (0.95 default)
Image mode	Thermal
Temperature compensation	✓
Laser pointer	✓
LED flashlight	✓
Auto tracking for Lo/Hi temperature	✓
Hi/Lo temperature alarm	Icon, LED flashlight, Buzzer
Storage	16GB Micro SD Card
PC software	Analysis
Languages	English, German, French, Russian, Spanish
Protection	IP54/2m
Certificates	CE, UKCA, FCC, RoHS
USB	Type-C

Package

Product net size	197×72×60mm
Product net weight	310g
Standard accessories	Hand strap, Micro SD card, Type-C USB cable, English manual, Documents download operation guide card