

TU Cute 3.0 Series

Thermal Imaging Scope

outdoor

Big Vision, Smart Touch

Features

- o **Ultimate Clarity:** High-sensitivity infrared detector × Hyper-light intelligent image enhancement algorithm.
- o **Comfortable Viewing:** Integrated 1.43" touchscreen to reduce eye fatigue.
- o **Shutterless Design:** Innovative 3.0 shutterless design ensures smooth, uninterrupted visuals.
- o **Seamless Control:** Centrally positioned focus wheel & zoom lever, ergonomically designed for effortless operation.
- o **Ultra-Lightweight:** Only 438g, effortlessly portable.
- o **Rugged Design:** IP68-rated, shock resistance up to 6000J.
- o **Smart Connectivity:** Dual-band Wi-Fi connection, OTA upgrade via TargetIR APP.

Applications

- o Night Hunting
- o Law Enforcement
- o Search & Rescue
- o Personal security



Specifications

Product model	TU425C 3.0
Sensor	
Type	Uncooled VOx Infrared Detector, 8 to 14μm
Resolution	400×300@12μm
NETD	20mK
Frame rate	50 Hz
Lens	
Objective lens	25mm, F1.0
Field of view	8.2°×8.2°
FOV m@100m	14×14
Magnification	0.7x~2.8x
Detection range	1300m/1400yd
Focus	Manual
Display	
Display type	1.43" AMOLED 466×466
Color palettes	White Hot, Black Hot, Red Hot, Green Hot, Iron Red, Blue Hot, Sepia
Hardware	
WIFI	2.4G, 5G
Interface	USB-C (Charge/USB2.0)
Tube diameter	Standard 30 mm
Others	Microphone, Bluetooth
System	
Recording function	Photo/Video (Audio recording included)
Memory capacity	32GB
Power	
Battery type	18500 ×1 Battery (Built-in) and 18650 ×1 Battery (External)
Operating time	12 hours
Environmental	
Operating temp.	-20°C to 50°C / -4°F to +122°F
Shock	6000J/1200G
Encapsulation	IP68
Physical	
Weight (g/oz)	438/15.45
Size (mm/in)	245×89×70/9.65×3.50×2.76
Standard	Device, Lens Cover, Quick-Release Scope Mount, Carry Bag, 18650 Battery ×2, Battery Charger, 5V 2A Adapter (US or UK or Australia or Europe), USB-A to USB-C Cable, Quick Start Guide, Warranty Card
Optional	Bluetooth Remote Control, Laser Rangefinder, 18650 Battery

* Product performance is based on testing in a controlled laboratory environment. Your test results may vary due to several external and environmental factors. All specifications are subject to the actual product. The manufacturer reserves the right to modify technical specifications without notice or liability to you.