

THERMAL IMAGING MONOCULAR

— UTx210W —



* For Internal Training Only

Infrared Sensor



256×192 px



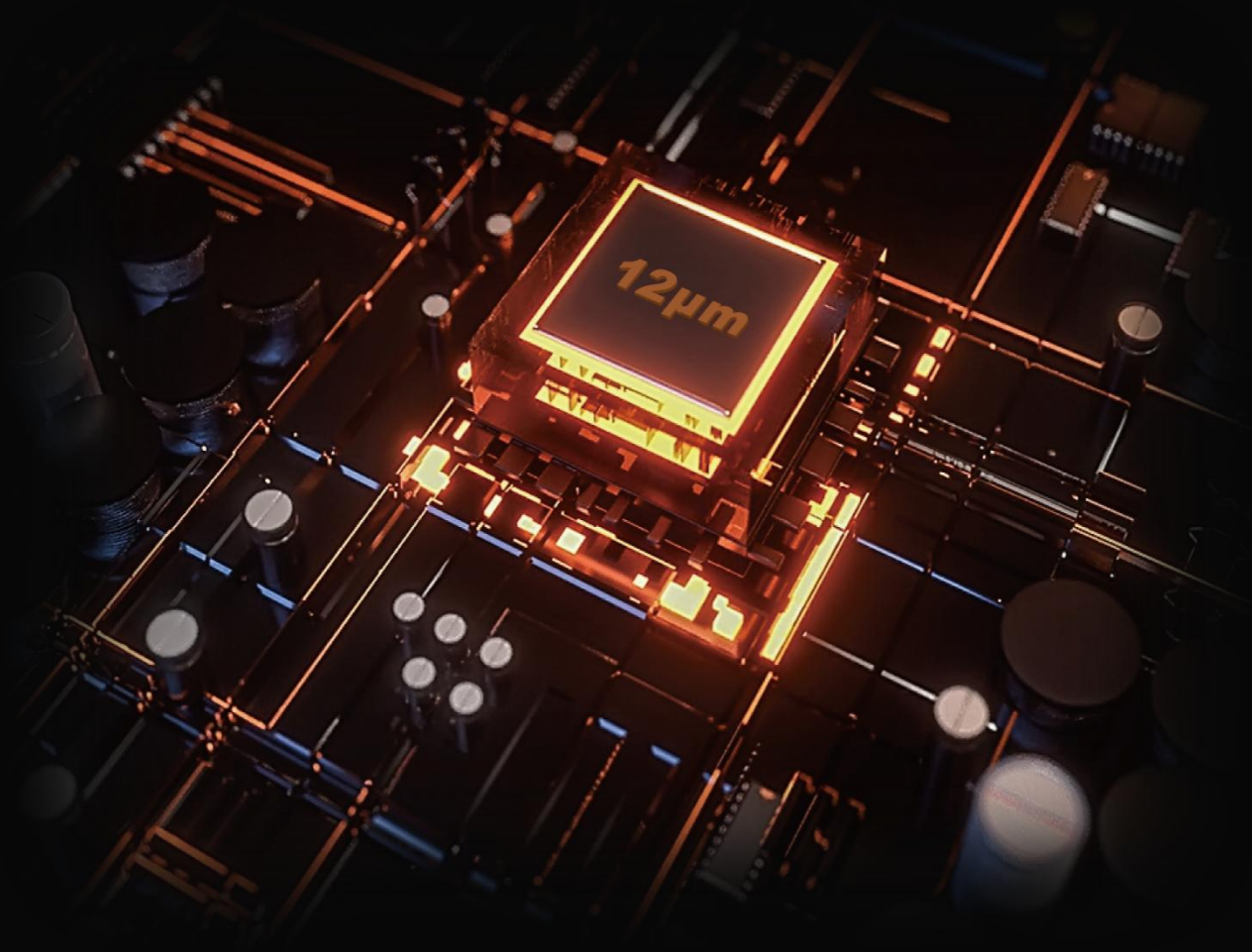
8~14 μ m



50Hz



35mK



Display



0.23" | 640×400 OLED

New UI Design

The brand new UI adopts icon only design, more concise and visualized, convenient for calling up the frequently-used functions instantly.

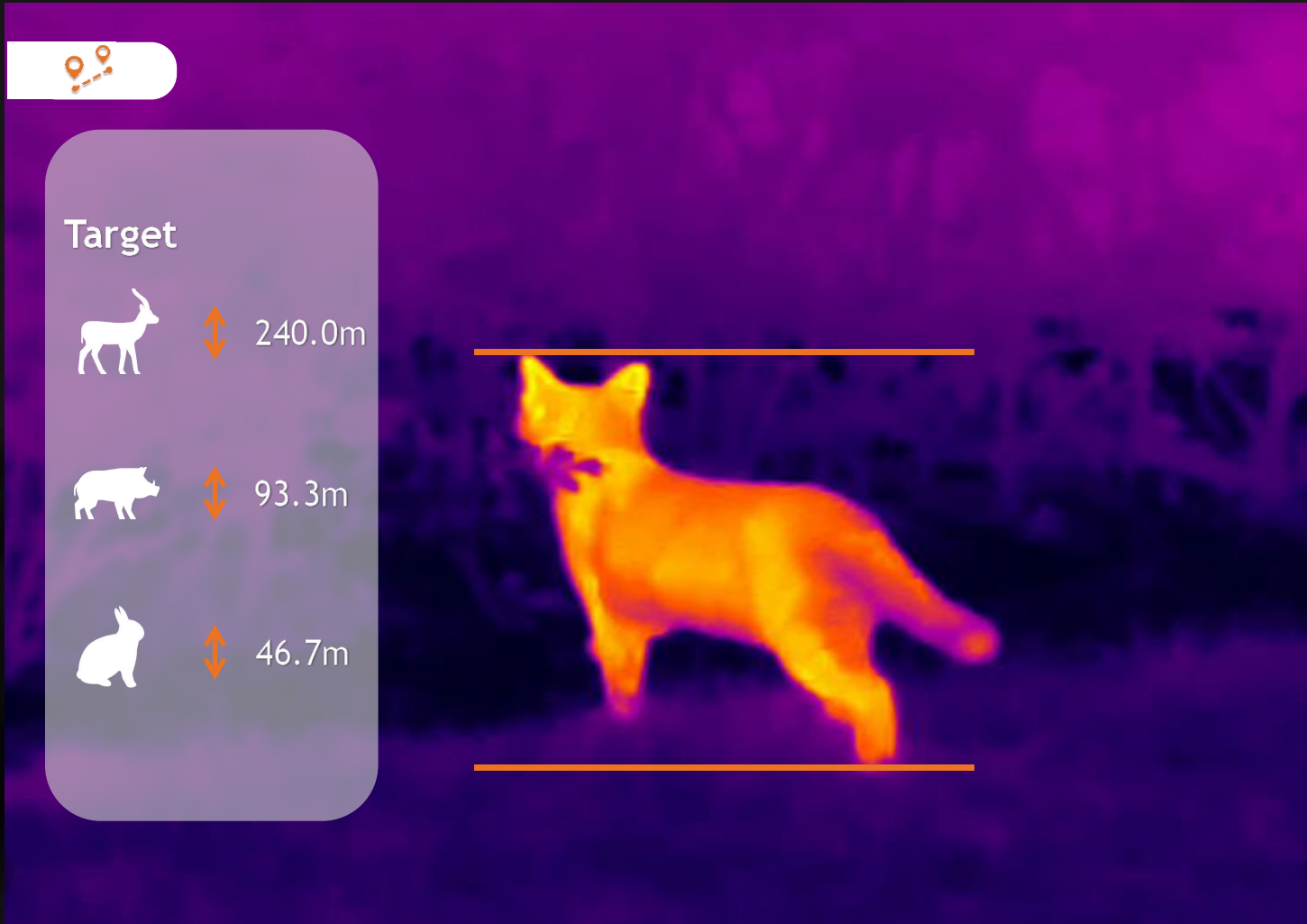


Previous UI



NEW UI

Stadiametric Ranging



Estimate distance with high accuracy through positioning the top and bottom of the target

Camera Mode

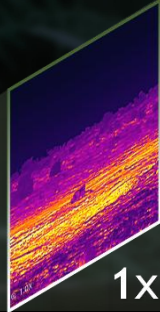


Video and Snapshot

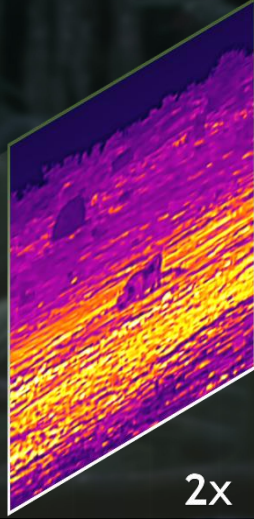
Built-in 16GB capacity for video and snapshot storage. Supports local playback of multimedia data. Also, data can be downloaded and shared through connecting to APP via Wi-Fi.



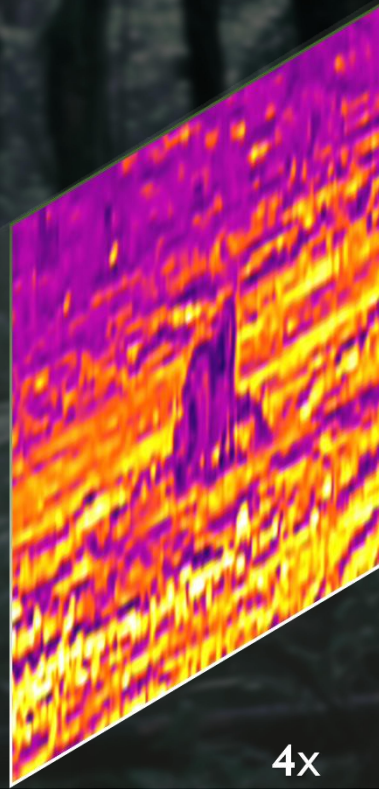
Digital Zoom



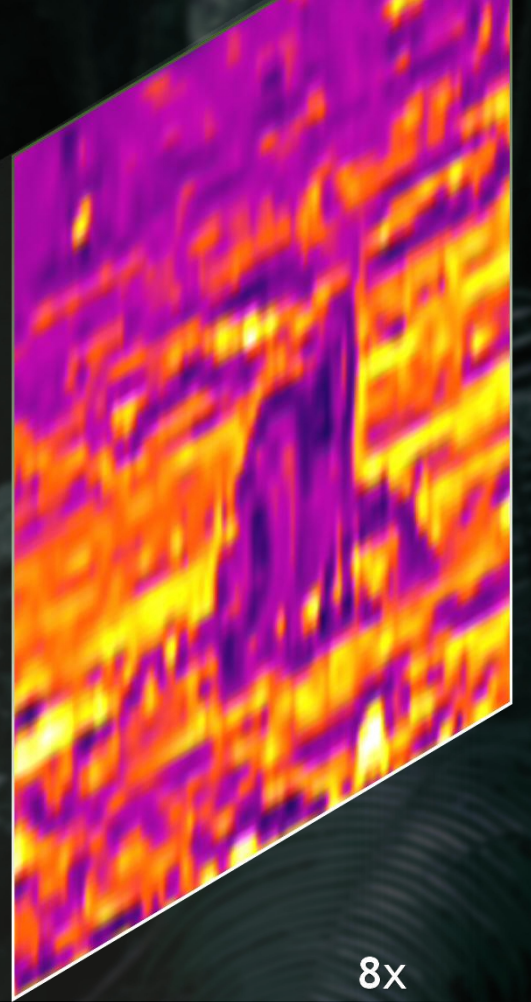
1x



2x



4x



8x

Auxiliary Function

Highlight the target and reduce the identification difficulties, helps users focus on the interested area.



Hot Trace



PIP

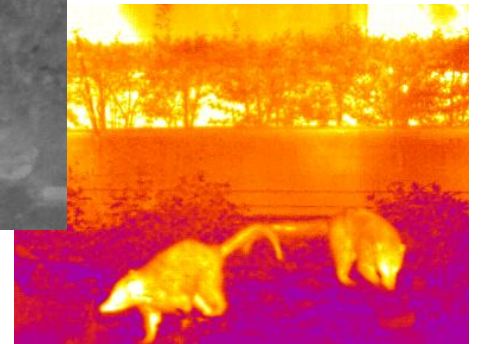
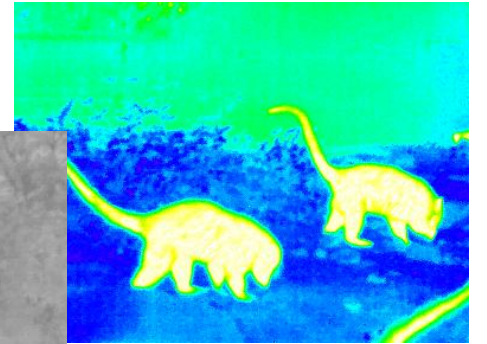
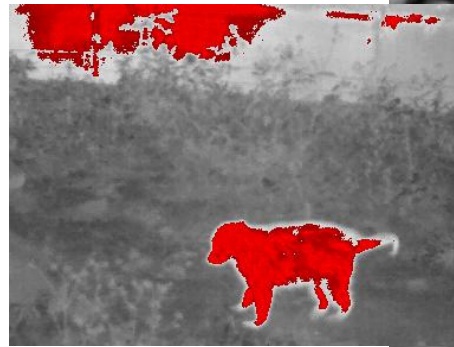
Scene Mode

One tap to switch scene mode, make the image adaptively adjust according to the changes in the environment. No worry about losing your target during the observation period.



Color Palette

Support one-tap to switch palettes for quickly identifying target whatever day and night or any severe observation conditions.



Wi-Fi Hotspot

- Wi-Fi download and share thermal images
- Wi-Fi remote control thermal device
- Real-time images projection



Protection



With IP67 rating for protection from heavy rainfall, dust, and impact. Also, it can withstand the drop of 2m height.

Button Design



Short press for shutter calibration/Long press for power on/off

Power Button

Short press for palette switch/Long press for scene mode switch

Palette Button

Short press for calling up shortcut menu

Menu Button

Short press for magnification/Long press for PIP on/off

Magnification Button

Diopter Adjustment



-5D~5D

Meet the needs of users with different
visual acuities

Competitors Comparison

Brand	UT	Hik	Iray	AGM	FLIR
Model No.	UTx210W	LE10S	AP09	TM10-256	Scout III 240
ID					
Display	0.23" (640×400)	0.32" (800×600)	(640×400)	0.2" (720×540)	(640×480)
IR resolution	256×192	256×192	256×192	256×192	240×280
Frame rate/NETD	50Hz/35mK	50Hz/30mK	25Hz/40mK	25Hz/35mK	30Hz
Lens	10mm	9.7mm	9mm	10mm	13mm
FOV	17.5° (H) × 13.1° (V)	18° (H) × 13.6° (V)	19.4° (H) × 12.2° (V)	18° (H) × 13.55° (V)	24° (H) × 18° (V)
Magnification	8x	8x	1.3x	8x	1x
Distance measurement	Stadiametric ranging	Stadiametric ranging	Stadiametric ranging	Stadiametric ranging	X
Photo capturing Video recording	√	√	√	√	X
Wi-Fi/Wi-Fi live streaming	√	√	√	√	X
Projection	IP67 2m drop proof	IP67	IP67	IP67 1.5m drop proof	IP67

Specifications

Technical Data		Functions		General Characteristics	
Display	0.23" OLED (640×400)	Digital zoom	2x, 4x, 8x / 1.0~8x continuous	Battery	4000mAh rechargeable Li-ion battery
IR resolution(Pixels)	256×192	Scene modes	Bird, Forest, Rock	Operating time	≥6 hours
Spectral range	8~14μm	Calibration modes	Auto, Manual, Background	USB	Type-C
Pixel size	12μm	Distance measurement	Stadiametric ranging	Storage	Built-in 16GB
Frame rate	≤50Hz	Hot trace	√	Image storage format	PNG
Thermal sensitivity	≤35mK	PIP	√	Video storage format	MP4
Focus	Focus free	Video recording	√	Protection	IP67 & 2m drop proof
Lens focal length	10mm	Photo viewing	Device Local, PC, APP	Certificates	CE, FCC, RoHS
Field of view(FOV)	17.5°(H) × 13.1°(V)	Wi-Fi live streaming	√	Languages	EN, FR, DE, ES, IT, RU, UA
Eyepiece relief distance	19.9mm	Video output	Type-C interface	Weight	410g (Inc. battery)
Diopter adjustment	-5D~+5D	Analysis software	APP (Android & iOS)	Dimension	185.5mm×63.7mm×62mm

Product Size	Product Weight	Standard Qty Per Carton	Standard Carton Size	Standard Carton G.W.	FOB (USD) Without Tax	MSRP (USD) Without Tax
185.5mm×63.7mm×62mm	410g (Inc. battery)	1pcs	370mm×140mm×275mm	1.9kg	\$220	\$377

What's in the Box



Quick Start Guide



Type-C USB Cable



Thermal Monocular