

Face recognition

TD8V Video Version

DUAL LIGHT FUSION THERMOGRAPHY



Dual light fusion thermal imaging



Six core technologies

Multiple display modes



Dual light fusion

DUAL LIGHT FUSION



Take photos
and videos

TAKE PHOTOS AND VIDEOS



Hot track

HOTSPOT TRACKING



cross cursor

TRACKING CROSS



Distance
measurement
function

RANGING FUNCTION



COMPASS

ELECTRONIC COMPASS

HD external screen Make your eyes no longer burdened

After connecting your thermal imaging and night vision device, the external screen can be viewed for a long time and make up for the problem of insufficient pixels in the viewfinder



Accessories List



External handheld
large screen

Laser flashlight

Infrared flashlight

Expansion
card buckle

Charger + data cable

Battery

Dual use day and night

Two viewing modes
for better results in different environments



Day

Night



DAY



NIGHT

Direct charging of lithium batteries

Guaranteed battery life



Compact structure, low energy consumption,
and long-lasting range

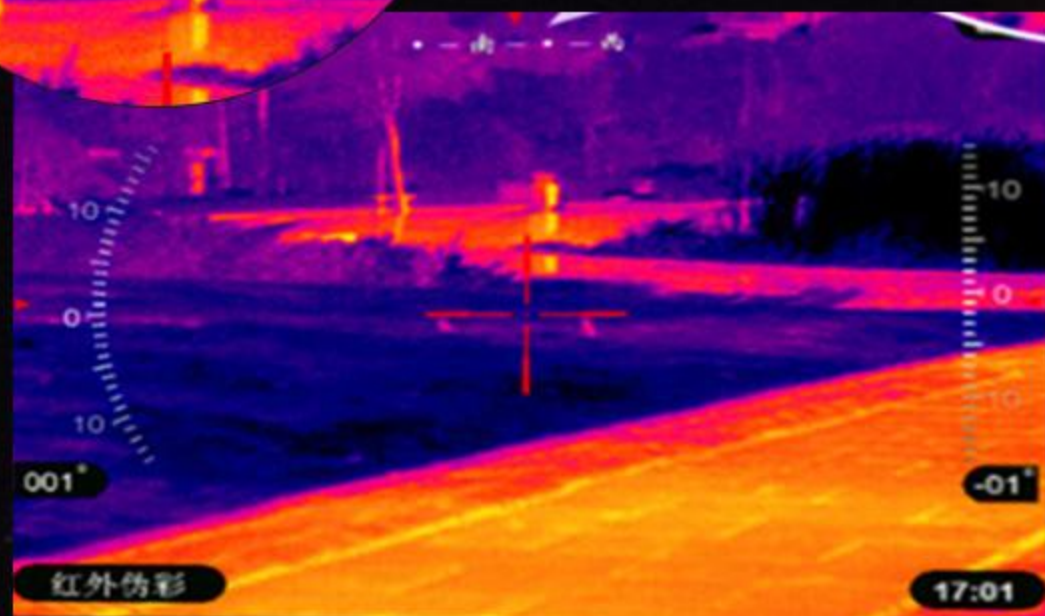
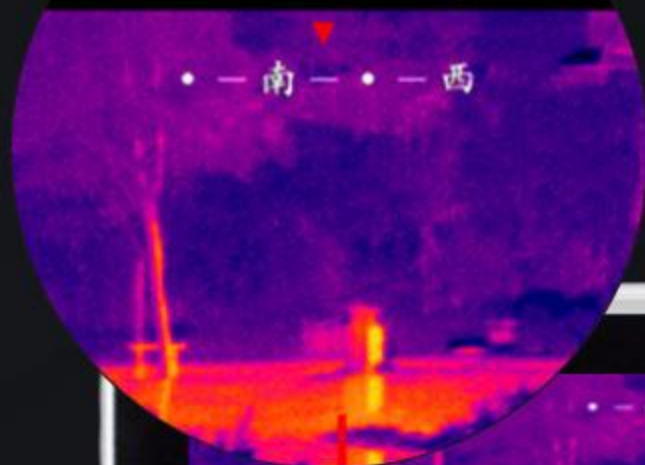
hour
 ≥ 6
endurance



Electronic compass Positioning and identifying direction

Electronic compass can provide directional reference when it is difficult to distinguish direction in pitch black suburbs at night

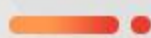
Compass pointing
Real-time change



Ultra-clear waterproof screen

Six types of crosshairs

Personalization

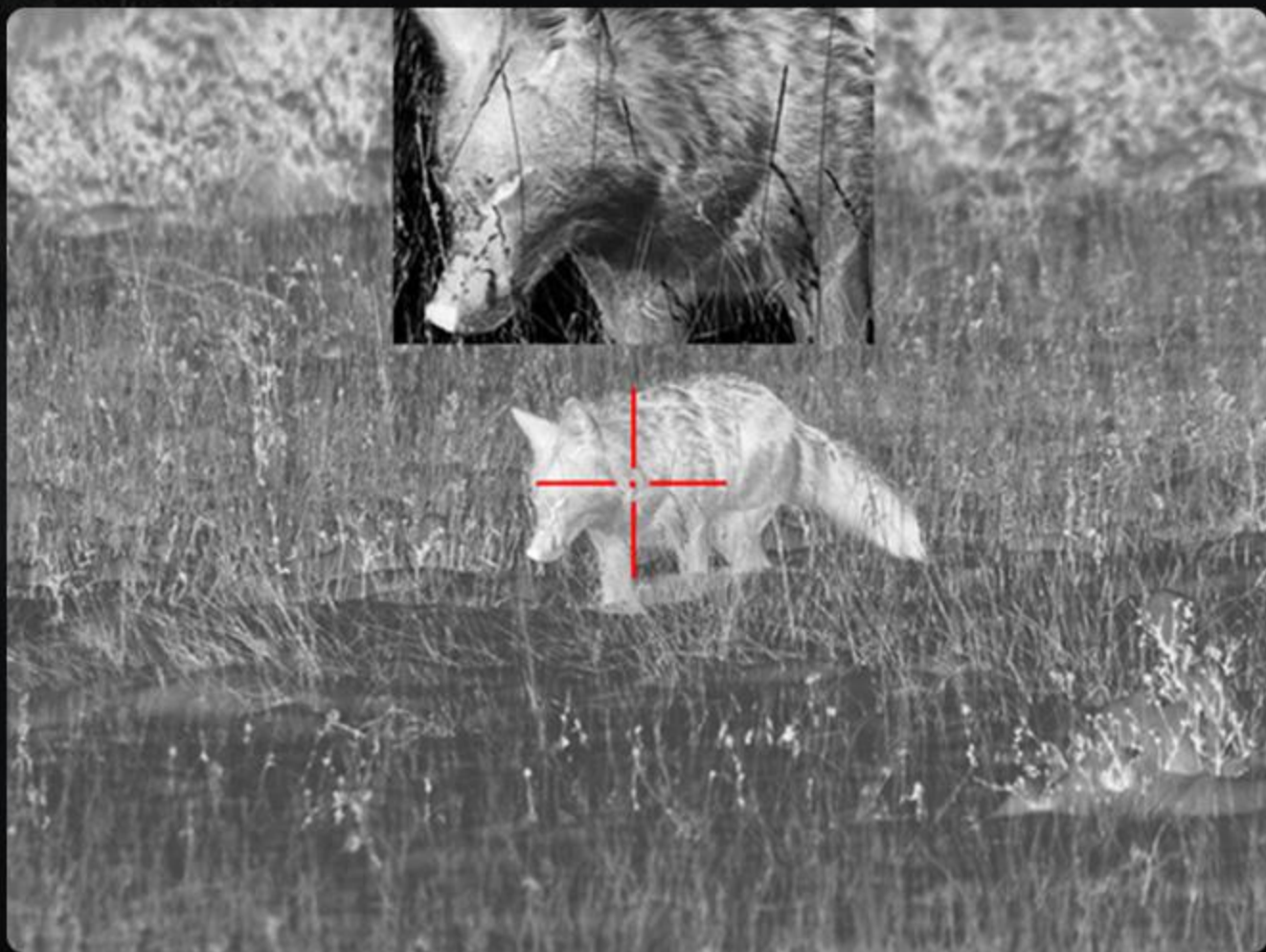


Picture in Picture

Local 4x magnification



Enlarge the central area of the observation screen by 4 times and display it in the screen

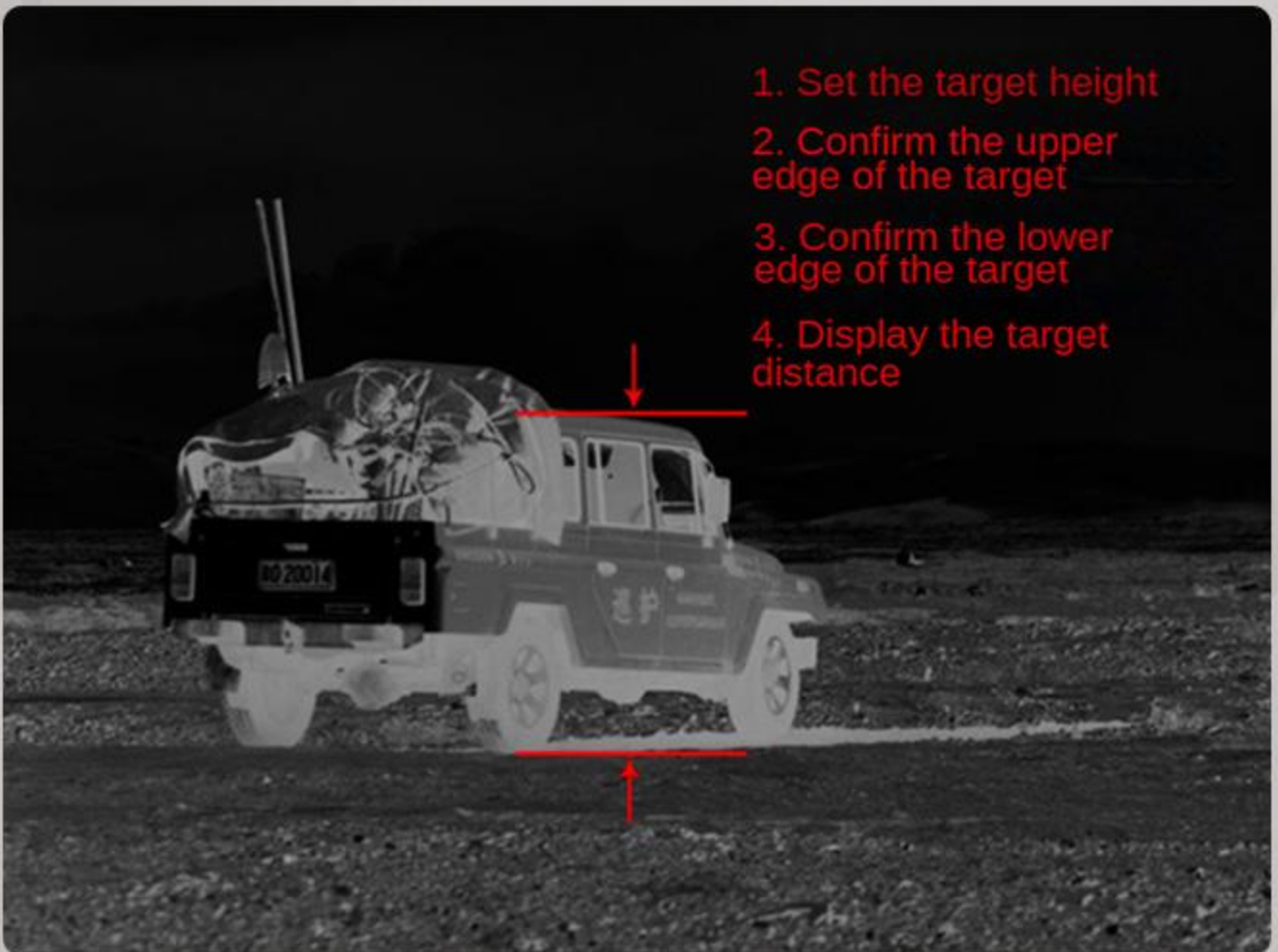


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Distance measurement function

Before measurement, the height of the measured target needs to be known, and the distance can be obtained by marking it up and down

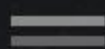
1. Set the target height
2. Confirm the upper edge of the target
3. Confirm the lower edge of the target
4. Display the target distance



Hotspot tracking

Target locking

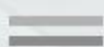
TARGET
LOCKING



Turn on the hotspot tracking function to automatically identify, track, and determine the location of hot targets



TARGET
LOCKING



Take photos for retentionFor querying



Close the thermal imager and connect the original data cable to the computer to export the photos

32G built-in

10000 static images



Six display modes to meet more needs



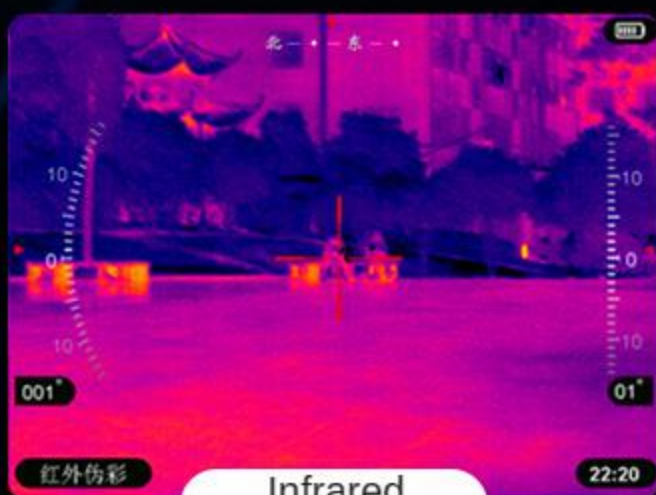
Infrared Band



Low light band



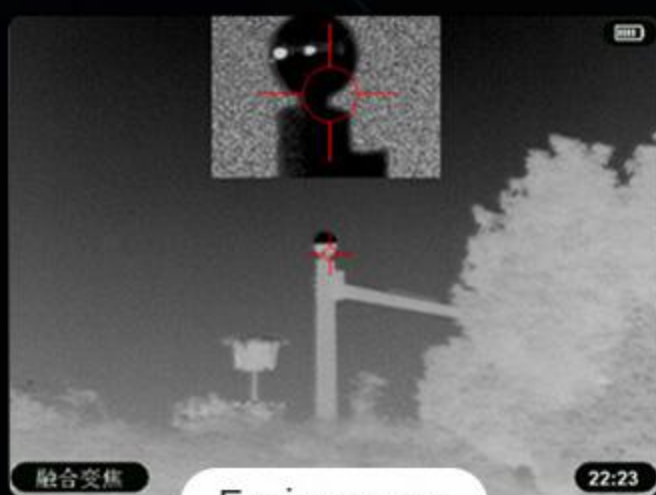
Fusion heat Image



Infrared pseudo color



Fusion pseudo color



Fusion zoom

Introduction to buttons and functions



Product Parameters

Model		TFN TD8V (with video recording function)
Infra-red	Infrared Thermal Imaging Channel	Vanadium oxide detector, 8um ~ 14um, 17um, 384 × 288, <50mK @F/1.0 , 30Hz
	Field angle	17°×13°
	Shutter	Adaptive scene correction without shutter
Shim-mer	Low light level imaging channel	0.4 um ~ 1.2um , 2048x2048 , <0.0001Lux , 30Hz
	Field angle	10°×7°
Sys-tem	Image mode	Thermal Image Band/Infrared Pseudo Color/Low Light Band/Fusion Thermal Image/Fusion Pseudo Color/Fusion Focus (Picture-in-Picture)
	Optical Zoom	4x optical zoom picture-in-picture
	Intelligent algorithm	Automatic Tracking of fusion hotspot targets
	Brightness/contrast	Manual/automatic
	Image enhancement	Fusion fog penetration enhancement
	Image Shooting	Tap the shot Image /Long press to record image
	Image storage	Built in 32GSD card
	Image Download	USB
	Video Display	Support PAL analog display
	Perf-orm-ance	Built-in display screen
Electrical interface		Power supply, USB, analog video
Mechanical interface		1/4 inch tripod
Charging		USB Power Adapter 5VDC

	Battery duration	≥6h
	Fusion imaging distance	Fusion Imaging: 1.8 × 0.5m people; Detection ≥ 4000m, identification ≥ 1500m
	Electronic compass	Supported
	Three-dimensional posture	Supported
	Fusion Image ranging	Supported
Physical Properties	Weight	≤ 500g
	Size	≤175mm×88mm×50mm
	Operating temperature	-20°C ~ +60°C
	Storage Temperature	-40°C ~ +60°C
Product Features	Infrared and low-light dual-channel Fusion, no shutter thermal image, electronic compass, small and flexible, easy to carry	

Tripod: Support (optional, common camera tripod interface)

Configuration list: thermal imaging, portable soft bag, suitcase, data cable, video cable, charger, instruction manual, warranty card, mirror cloth

Configuration List

CONFIGURATION LIST



Convenient
Soft Bag

Thermal
Imaging
toolbox

Expansion
buckle

TFN TD8V
使用说明书

instructions

charger

Data cable+video cable



Product display

PRODUCT DISPLAY















热成像外接屏

1.5寸高清 IPS内屏 (分辨率 1280x800 画质保证)

超清防水屏





