

TFN TD8

Double Light Fusion thermal imaging night vision instrument

Make the night as clear as the day

DUAL OPTICAL FUSION THERMAL IMAGING NIGHT VISION SYSTEM
LET THE NIGHT BE AS CLEAR AS THE DAY



Unique core advantages

CORE
ADVANTAGE

+



Double Light Fusion

BLOWOUT FRACTURE



Face recognition

BLOWOUT FRACTURE



Hotspot tracking

BLOWOUT FRACTURE



Cross cursor

BLOWOUT FRACTURE



Ranging function

BLOWOUT FRACTURE



Electronic compass

BLOWOUT FRACTURE

HD external screen

After connecting your thermal imaging and night vision device, your eyes will no longer be affected
External screen allows for long-term viewing and compensates for insufficient pixels in the viewfinder

AFTER CONNECTING YOUR THERMAL IMAGING AND NIGHT VISION,
LET YOUR EYES NO LONGER BE AFFECTED
THE EXTERNAL SCREEN CAN WATCH FOR A LONG TIME AND MAKE UP FOR THE LACK OF VIEWFINDER PIXELS



Accessories List



External handheld
large screen

Laser flashlight

Infrared flashlight

Expansion
card buckle

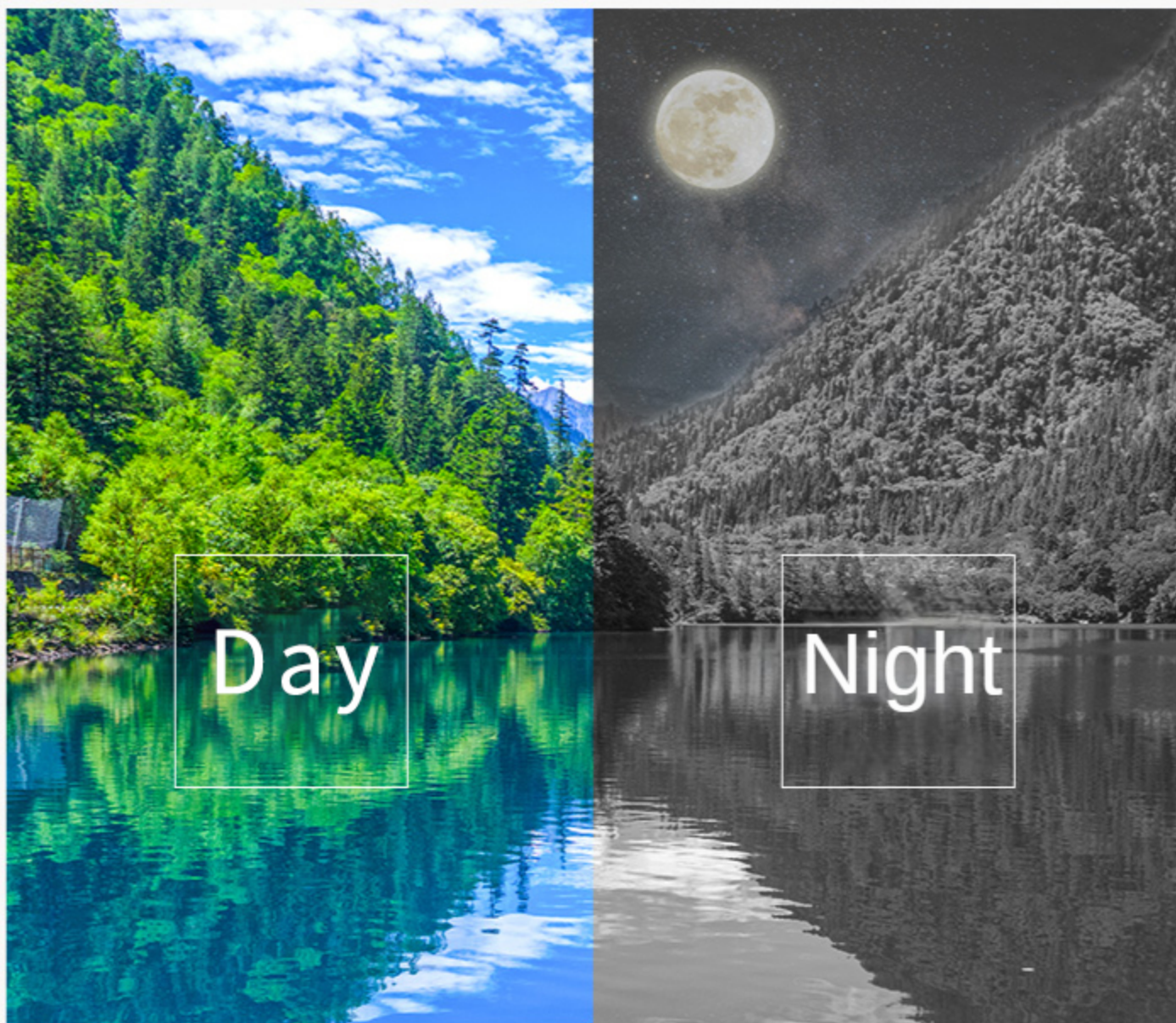
Charger + data cable

Battery

Real Day and night dual use

DAY
NIGHT

The two viewing modes have better effects
in different environments.



DAY



NIGHT

CONTINUED
NAVIGATION



Lithium battery direct charge

Guaranteed battery life

Compact structure, low energy consumption,
long-lasting endurance



Hours
 ≥ 6
Duration

6 types of crosshairs

CROSS
CURSOR

Personalization settings



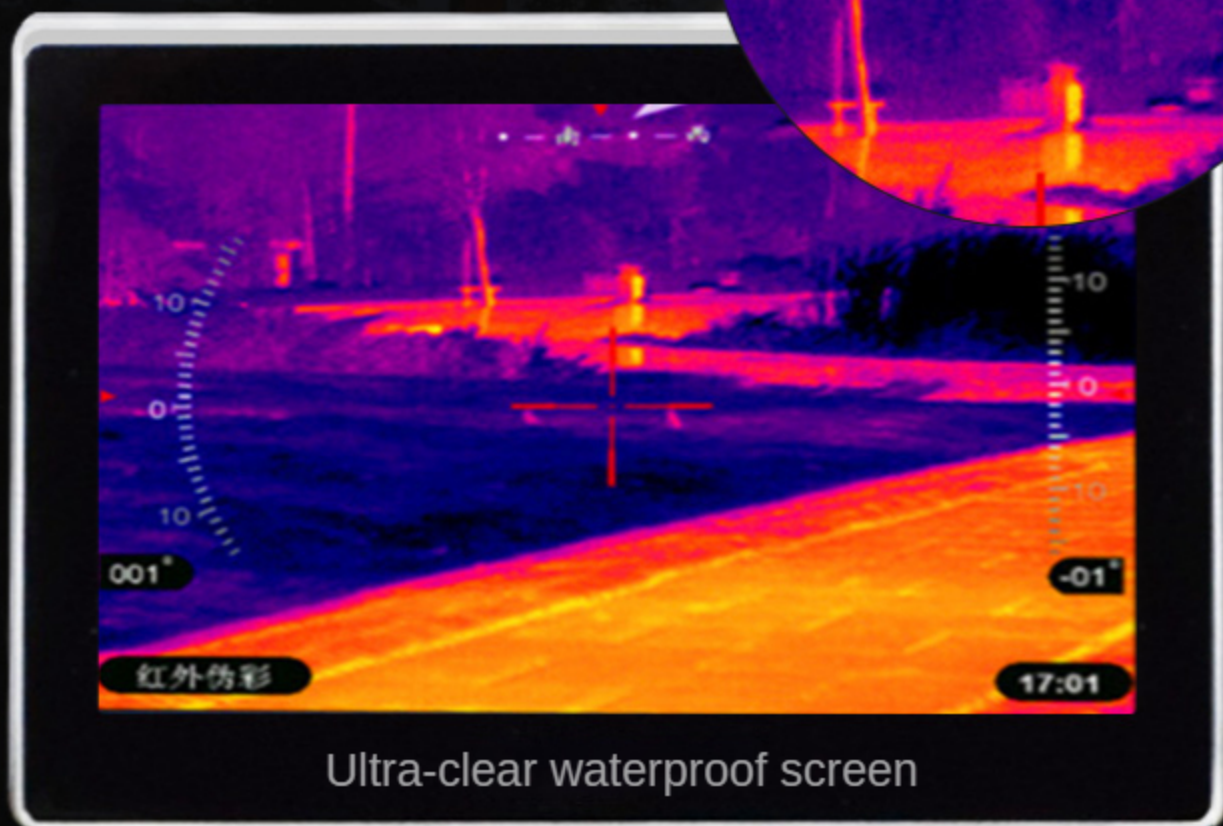
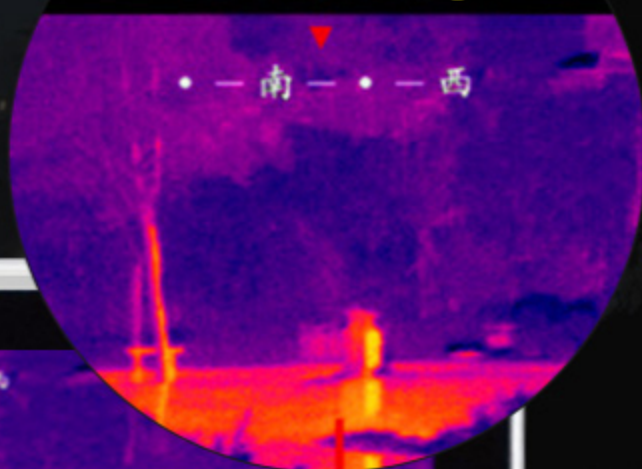
ELECTRONICS
COMPASS



Electronic compass Locating and distinguishing direction

The electronic compass in the dark suburb at night can provide orientation reference.

Compass pointing
Real-time change



Ultra-clear waterproof screen

Picture in Picture

LOCAL
ENLARGE

Local 4x magnification



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



HOTSPOT
TRACK

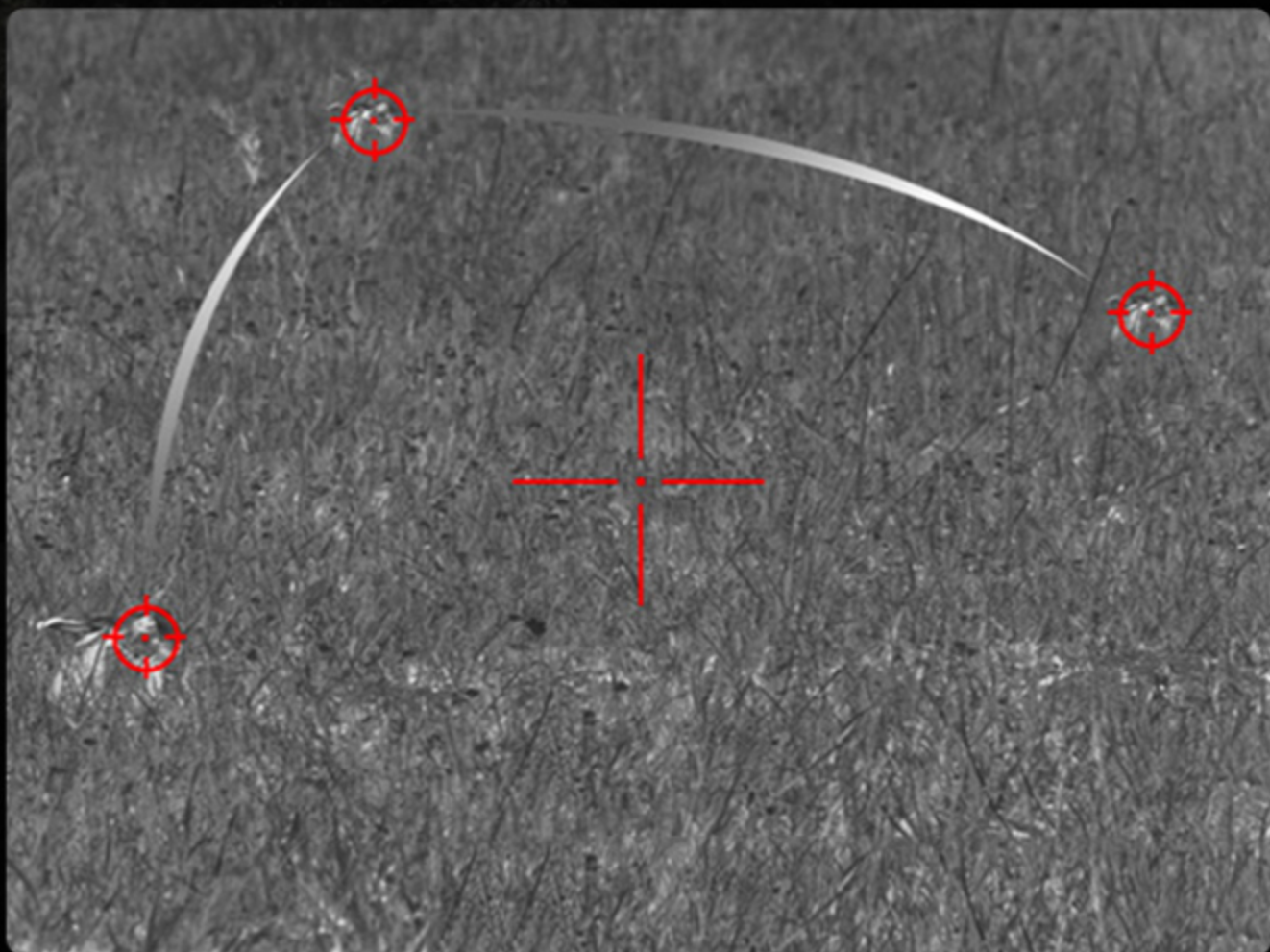


Hotspot tracking

Target locking

Enable hotspot tracking

Can automatically identify and track hot targets
and lock target positions



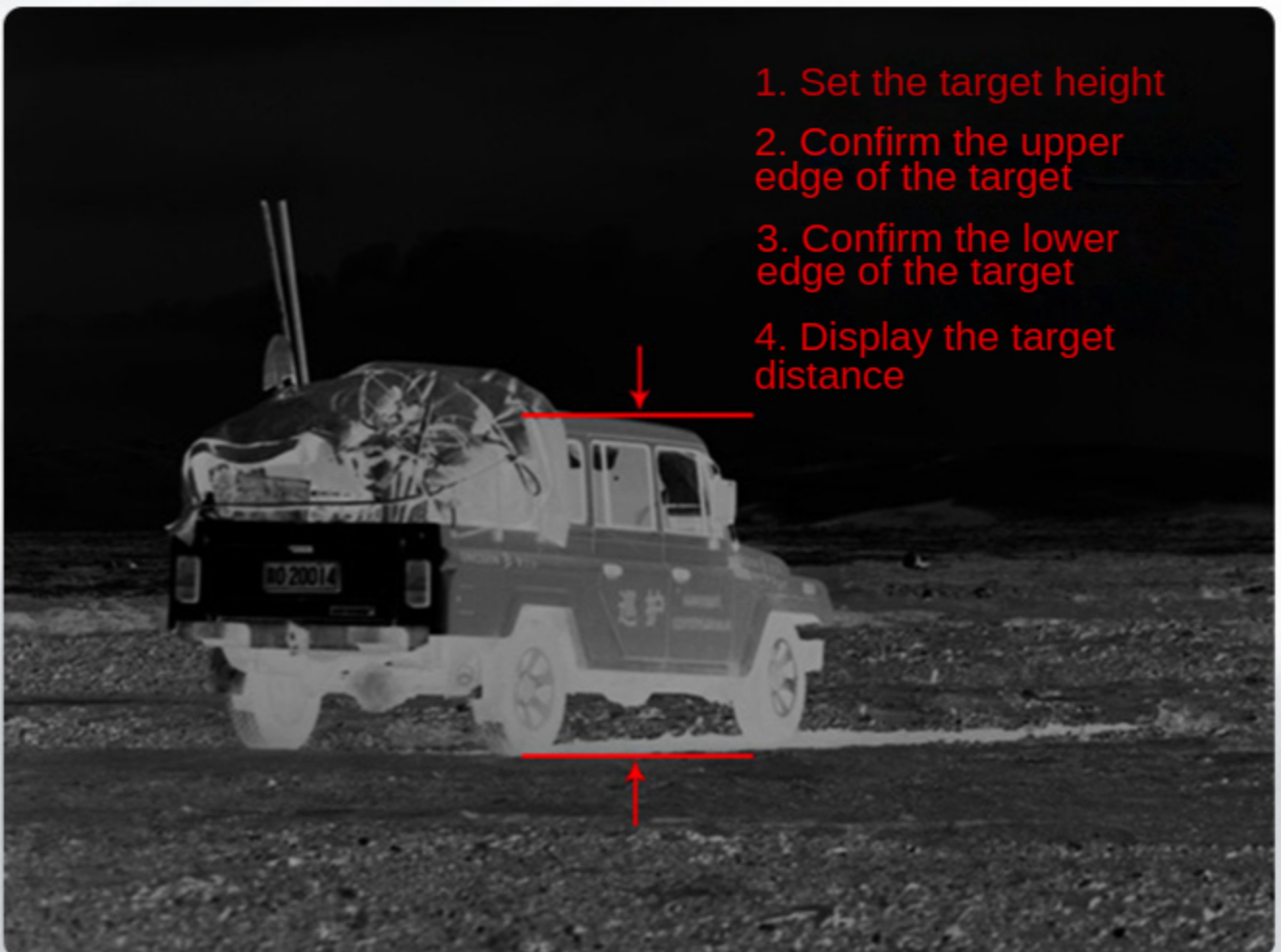
Ranging function



The height of the target to be measured must be known before measurement.

Mark up and down to get the distance

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



LOCAL
ENLARGE



Photo retention For query

Turn off the thermal imaging instrument and connect the computer with the original data cable to export the photos.

16G
Built-in

10000 pieces
Static image



Six display modes Meeting more needs

SIX DISPLAY MODES MEET MORE REQUIREMENTS





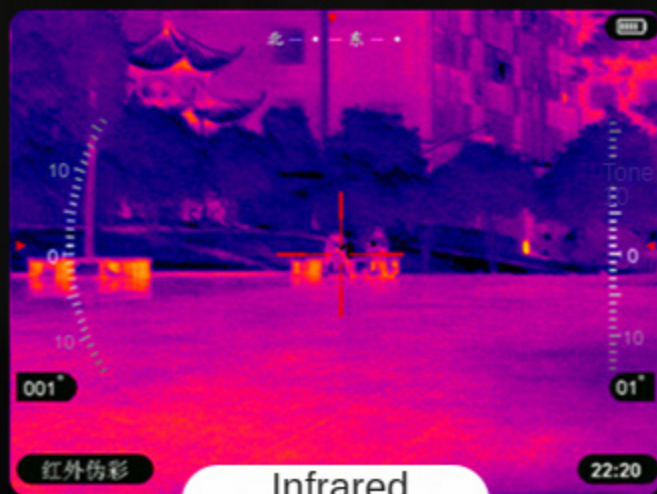
Infrared Band



Low light band



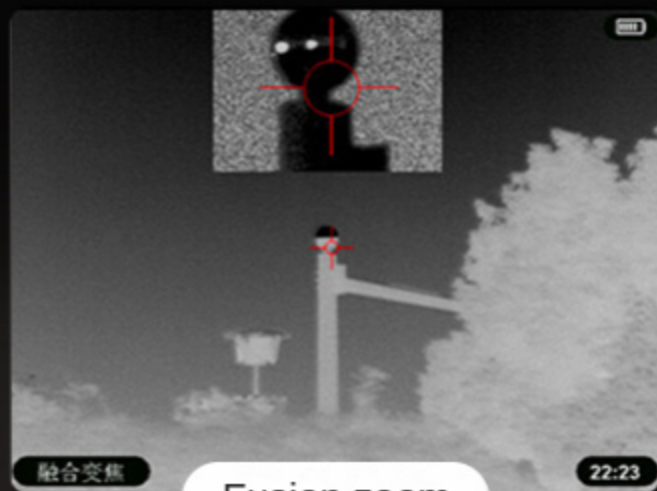
Fusion heat Image



Infrared pseudo color



Fusion pseudo color



Fusion zoom

Product key function introduction



Product Parameters

Model		TFN TD8
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°
	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
Sys-tem	Image storage	Built-in 16GSD card, can store no less than 10000 static pictures
	Image Download	USB

Performance	Video Display	Support PAL analog display
	Built-in display screen	720x540、LCOS
	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

Product display

















