

TS Series

Thermal Rifle Scope



Introduce

TS series are Guide's newest thermal imaging sight. It features a high frame rate for fluid images when observing dynamic objects. The battery can be inserted either way for ergonomic use at night. TS series really gives hunters and outdoor enthusiasts the ability to see clearly in total darkness.

Application

Outdoor observing and aiming / Law Enforcement

Features and Benefits

- Shutter calibration technique is available to hide for observation and aim at
- Palette image display can adjust its brightness by external light intensity
- Ergonomics design
- 'Picture in Picture' function, 2x zoom
- Single hand-operation
- Can work in -40°C
- Wi-Fi video transfer

Specifications

Type	TS445	TS870	TS8100
Detector			
Resolution	400×300	800×600	800×600
Pitch	25μm	17μm	17μm
Focal Length	45mm	70mm	100mm
FOV	12°×9°	8.8°×7.1°	6.2°×4.9°
Magnification	×1.3	×2.3	×2.3
View Finder	OLED	OLED	OLED
Wi-Fi	×	√	√
Compass	×	√	√
Interface	RS232 Video		
Operation Distance			
Human 1.8m×0.5m	450m	1000m	1400m
Image			
Reticle	Yes		
Picture In Picture	Yes		
Polarity	White hot, black hot, red hot, green hot, etc		
Brightness/Contrast	Auto		
Environment Parameters			
Working Temperature	Standard: -20℃ ~ 50℃ Option: -40℃ ~ 60℃		
Storage Temperature	-40℃~65℃		
Encapsulation	IP67		

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