TC19L
Thermal Sight



HIKMICRO HIKTac TC19L Thermal Sight is equipped with a 256×192 @12 μm (NETD<18 mK) thermal detector. Its 3.1-inch large AMOLED display offers an immersive viewing and tracking experience with better situational awareness. The laser rangefinder and ballistic calculation contribute to more accurate shooting.

· Key Feature

- NETD<18 mK Thermal Sensitivity
- 1000 m Laser Rangefinder
- 3.1-inch AMOLED Display
- 290 g Lightweight
- Killflash Lens Protector

· Specification

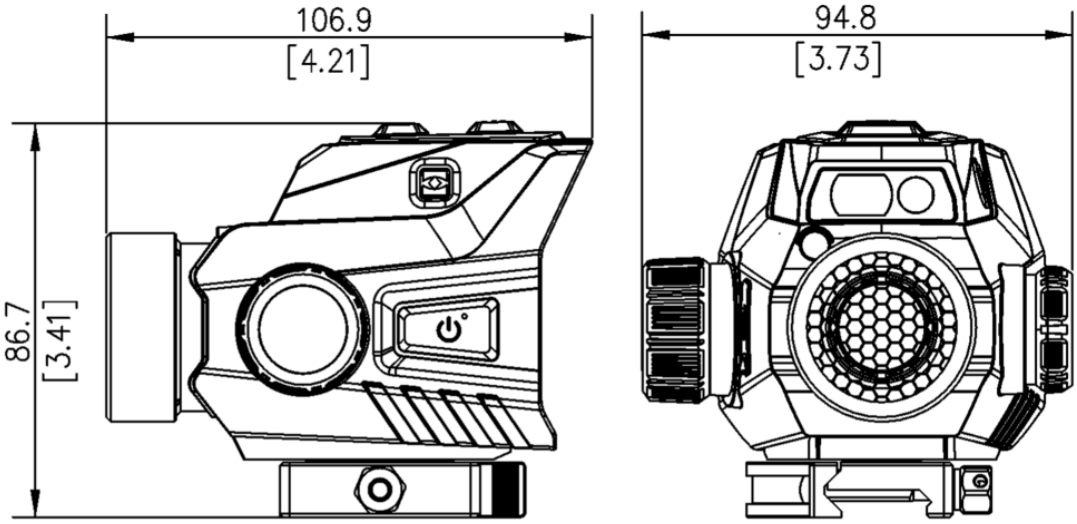
Thermal Module	
Image Sensor	VOx Uncooled Focal Plane Arrays
Max. Resolution	256×192
Frame Rate	50 Hz
Pixel Interval	12 μm
Response Waveband	8 μm to 14 μm
NETD	Less than 18 mK (@25°C, F# = 1.0)
Lens (Focal Length)	19 mm, F1.0
Focus Mode	Focus Ring
Detection Range	900 m
Magnification	1.2× to 9.6×
Min. Focusing Distance	1 m
Field of View(H × V), Degrees/m @100 m	9.2°×6.9°
Image Display	
Display	3.1-inch AMOLED Display, 600×450
Palettes	Black Hot, White Hot, Red Hot, Iron Bow
Tone Adjustment	Cold, Warm
Brightness Adjustment	Yes
Contrast Adjustment	Yes
Zoom Pro	Yes
HSIS (HIKMICRO Shutterless Image System)	Yes
Image Pro 3.0	Yes
Sync Pro	Yes
System	
Record Video	Yes
Capture Snapshot	Yes
Standby Mode	Yes
Storage	Built-in EMMC (4 GB)
PIP	Yes
Hotspot	Yes
Local Album	Yes
Ballistic Calculation	Yes
Distance Measurement	Yes
Zeroing Profiles	5
Freeze Zeroing	Yes
Power Supply	
Battery Type	One replaceable and rechargeable 18650 battery
Battery Operating Time	3.5h

Type-C Power Supply	DC 5V/2A, USB Type-C interface
General	
Protection Level	IP67
Dimension	106.9 mm×94.8 mm×86.7 mm
Weight	290 g (without battery)
Working Temperature	-30°C to 45°C
Laser Rangefinder	
Safety Class for Laser	Class 1
Wavelength	905 nm
Max. Measuring Range	1000 m
Measurement Accuracy	±1 m
Min. Measuring Range	10 m

· Available Model

HM-TR02-19S2G/WL-TC19L

· Dimension



Unit: mm[inch]

COMPLIANCE NOTICE: The thermal series products might be subject to export controls in various countries or regions, including without limitation, the United States, European Union, United Kingdom and/or other member countries of the Wassenaar Arrangement. Please consult your professional legal or compliance expert or local government authorities for any necessary export license requirements if you intend to transfer, export, re-export the thermal series products between different countries.

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HIKMICRO SIGHT

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BATTERY 1 YEAR

FULL PRODUCT 3 YEARS

DETECTOR 10 YEARS

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