



HIKMICRO TE19 Thunder Thermal Image Scope Instruction Manual

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HIKMICRO

THUNDER TE19 2.0
Thermal Image Scope



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TE19 Thunder Thermal Image Scope

HIKMICRO THUNDER TE19 2.0 Thermal Image Scope has a 256 x 192 thermal detector and a 1024 x /68 OLED

display, which provides clear images under harsh environment conditions like darkness, fog, smoke, dust, rain, Snow, wood, camouflage, etc. With an extended operation time, the scope is mainly applied to scenarios such as hiking, hunting, searching and rescuing.

Key Features

- 256 x 192 resolution with 12 um sensor
- 1024 x 768 resolution 0.39-inch OLED display
- Supports image brightness and tone adjustment
- Upto 10 hours of continuous operation
- Replaceable and rechargeable Li-ion battery
- Supports audio and recoil-activated recording
- High shock resistance up to 1000 g/0.4 ms

| | |
|--|---------------------------------------|
| THERMAL MODULE | |
| IMAGE SENSOR | Uncooled Focal Plane Arrays |
| MAX. RESOLUTION | 256 x 192 |
| FRAME RATE | 90 Hz |
| PIXEL INTERVAL | 12 um |
| NETD | less than 35 mK (25°C, F# = 1.0) |
| LENS [FOCAL LENGTH] | 19 mm |
| FOCUS KNOB | No |
| DETECTION RANGE | 1000 m |
| MIN. FOCUSING DISTANCE | 0.5m |
| APERTURE | F1.0 |
| MAGNIFICATION | 2.47 x |
| FIELD OF VIEW(H x V), DEGREES/M @100 M | 9.24° x 6.94°/16.17 m x 12.13 m |
| IMAGE DISPLAY | |
| DISPLAY | 1024 x 768, 0.39 inch, OLED |
| PALETTES | Black Hot, White Hot, Red Hot, Fusion |
| FFC (FLAT FIELD CORRECTION) MODE | Auto, Manual, External Correction |
| EXIT PUPIL | 6mm |
| EYE RELIEF | 45 mm |
| DIOPTER (RANGE) | -5Dto5D |
| BRIGHTNESS ADJUSTMENT | Yes |
| tone ADJUSTMENT | Cold, Warm |
| SYSTEM | |

| | |
|-----------------------------|---|
| RECORD VIDEO | 0On-board video recording |
| CAPTURE SNAPSHOT | Yes |
| DIGITAL ZOOM | 1x, 2x, 4x, 8x |
| STANDBY MODE | Yes |
| STORAGE | Built-in EMMC (16 GB) |
| PIP | Yes |
| DPC | Yes |
| HOTSPOT | Yes |
| HOT TRACK | Yes |
| DISTANCE MEASUREMENT | Yes |
| RECOIL-ACTIVATION RECORDING | Yes |
| AUDIO RECORDING | Yes |
| MAX. RECOIL | 1000 g/0.4ms |
| POWER SUPPLY | |
| BATTERY TYPE | Replaceable and Rechargeable Li-ion Battery |
| BATTERY OPERATING TIME | 210 h (25°C, with hotspot off) |
| TYPE-C POWER SUPPLY | 5VDC, 2A Supports external power supply |
| GENERAL | |
| PROTECTION LEVEL | P87 |
| DIMENSION | 218.7mm x 67.14 mm x 68.04 mm |
| WEIGHT | 476 g without battery |
| WORKING TEMPERATURE | -30°C to +55°C (-22°F to 131°F) |

Available Model

HM-TR52-19S1G/W-TE19 2.0

Dimension



HIKMICRO SIGHT



<https://play.google.com/store/apps/details?id=com.hikvision.hikmicrosightGoogle>

<https://itunes.apple.com/cn/app/id1580659649?mt=8>



HiKMICRO Outdoor



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Documents / Resources



[HIKMICRO TE19 Thunder Thermal Image Scope](#) [pdf] Instruction Manual
TE19 Thunder Thermal Image Scope, TE19, Thunder Thermal Image Scope, Thermal Image Scope, Image Scope, Scope

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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