

HIKMICRO TE19 Thunder Thermal Image Scope Instruction Manual

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THUNDER TE19 2.0 Thermal Image Scope



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TE19 Thunder Thermal Image Scope

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

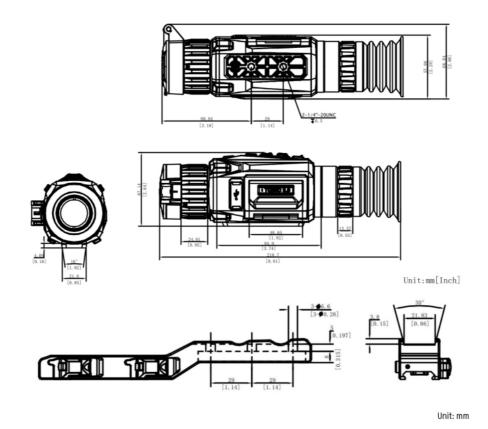
THERMAL MODULE	
IMAGE SENSOR	Uncooled Focal Plane Arrays
MAX. RESOLUTION	256 x 192
FRAME RATE	90 Hz
PIXEL INTERVAL	12 um
NETD	less than 35 mK (25°C, F# = 1.0)
LENS [FOCAL LENGTH]	19 mm
FOCUS KNOB	No
DETECTION RANGE	1000 m
MIN. FOCUSING DISTANCE	0.5m
APERTURE	F1.0
MAGNIFICATION	2.47 x
FIELD OF VIEW(H 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)

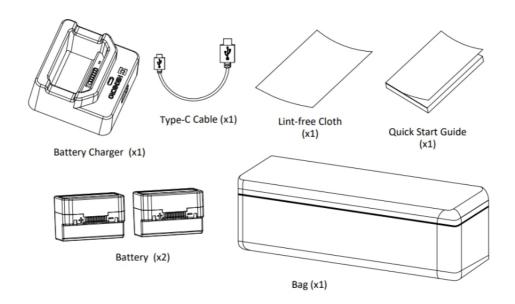
Available Model

HM-TR52-19S1G/W-TE19 2.0

Dimension



Accessories



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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 S cope, Image Scope, Scope

References

• User Manual

Manuals+, Privacy Policy

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