



TQ60Z 2.0

Thermal Image Scope

Equipped with a 640 thermal detector, a 35 mm F0.9 and a 60 mm F1.1 lens given a wide F0V at 22 m and a magnification starting at 1.8x, HIKMICRO THUNDER Z00M TQ60Z 2.0 is perfect for long-range hunting up to 3000 m. With an extended operation time, whether in forest or in field, TQ60Z 2.0 can be your helpful companion.

Key Features

- 640 × 512 resolution with 12 µm detector
- High sensitivity thermal module NETD < 20 mK (25°C, F# = 1.0)
- Dual FOV of 35 mm (F0.9) & 60 mm (F1.1) objective lenses
- 1024 × 768 resolution 0.39-inch OLED display
- Up to 6.5 hours of continuous operation
- Replaceable and rechargeable Li-ion battery packs
- High shock resistance up to 1000 g/0.4 ms
- Detection range up to 3000 m

Specification

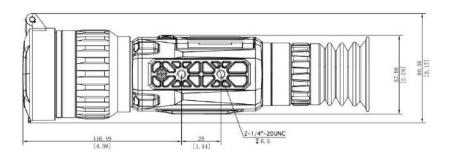
THERMAL MODULE	
IMAGE SENSOR	Uncooled Focal Plane Arrays
MAX. RESOLUTION	640 × 512
FRAME RATE	50 Hz
PIXEL INTERVAL	12 µm
NETD	Less than 20 mK (25°C, F# = 1.0)
LENS (FOCAL LENGTH)	35 mm, F0.9 AND 60 mm, F1.1
FOCUS MODE	Optical Zoom, Focus Ring
DETECTION RANGE	1800 m/3000 m
MIN. FOCUSING DISTANCE	35 mm: 7 m / 60 mm: 9 m
MAGNIFICATION	1.8x to 14.6x/3.1x to 25.0x (8x)
FIELD OF VIEW(H × V), DEGREES/M @100 M	12.5° × 10°/21.9 m × 17.6 m; 7.3° × 5.9°/12.8 m × 10.2 m
IMAGE DISPLAY	
DISPLAY	1024 × 768, 0.39 inch, 0LED
PALETTES	Black Hot, White Hot, Red Hot, Fusion
FFC (FLAT FIELD CORRECTION) MODE	Auto, Manual, External Correction
EXIT PUPIL	6 mm
EYE RELIEF	45 mm
DIOPTER (RANGE)	-5 D to 5 D
BRIGHTNESS ADJUSTMENT	Yes
TONE ADJUSTMENT	Cold, Warm
SYSTEM	
RECORD VIDEO	On-board Video Recording
CAPTURE SNAPSHOT	Yes
STANDBY MODE	Yes
STORAGE	Built-in EMMC (16 GB)
PIP	Yes
DPC	Yes
HOTSPOT	Yes
HOT TRACK	Yes

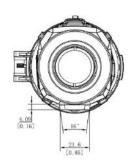
DISTANCE MEASUREMENT	Yes
AUDIO RECORDING	Yes
RECOIL-ACTIVATION RECORDING	Yes
MAX. RECOIL	1000 g/0.4 ms
ZEROING PROFILES	5
POWER SUPPLY	
BATTERY TYPE	Replaceable and Rechargeable Li-ion Battery
BATTERY OPERATING TIME	≥ 6.5 h (25°C, with hotspot off)
TYPE-C POWER SUPPLY	5 VDC, 2 A
	Supports External Power Supply
GENERAL	
PROTECTION LEVEL	IP67
DIMENSION	254.4 mm × 68.5 mm × 80.6 mm
WEIGHT	843 g without Battery
WORKING TEMPERATURE	-30°C to +55°C (-22°F to 131°F)

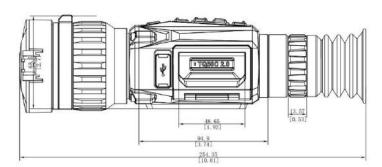
Available Model

HM-TR56-3560S1G/W-TQ60Z 2.0

Dimension

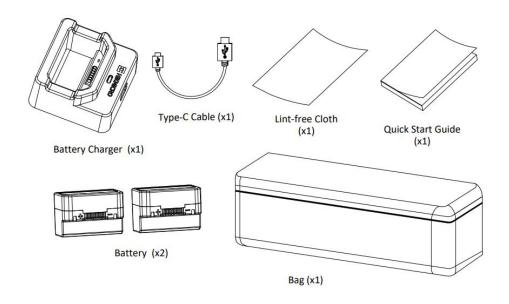






Unit: mm

Accessories



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.





























