

OPTIX ShootIR 60

Thermal Imaging Sight

OPTIX ShootIR 60 enhanced thermal imaging sight is specially designed for the military and law enforcement sniper teams for medium and long-range target shooting. With its ergonomic design, unprecedented comfort, plenty of features, super clarity and precision, the scope is suitable for:

- Long range sniper shooting;
- Built-in Wi Fi connection for wireless streaming;
- Video and image recording;
- Laser Rangefinder (LRF) optional;
- Ballistic calculator;
- Suitable for AR/DMR rifles.

APPLICATIONS:
Defence & Security,
Law enforcement



TECHNICAL CHARACTERISTICS

SHOOTIR 60

| | | |
|--|---|--|
| FOCAL PLANE ARRAY | Type | Microbolometer |
| | Pixel Count (Resolution) | 640x480 |
| | Pitch size | 12 μ m |
| | Spectral Response | 7 \div 14 μ m |
| | Thermal Sensitivity (NETD) | < 50 mK @ F/1.0 |
| THERMAL IMAGING PERFORMANCE | Brightness / Contrast | Automatic /Manual/ Advanced Image Processing |
| | Image Polarity | User Selectable White Hot / Black Hot/ Red Hot/ Isotherm |
| | Menu | OSD |
| | Reticle | 5 reticle types |
| | Zeroing | 5 zeroing profiles |
| | Start-up time | <10sec |
| | IFOV | 0.19mRad |
| | NUC | Automatic / Manual |
| OPTICS * Given values are nominal. Actual values could be within \pm 5% tolerance | Focal Length of Objective Lens | 60 mm |
| | F/# | 1.25 |
| | Focus | Manual |
| | FOV | 7.3°(H) X 5.4°(V) |
| | Material and coating | Germanium with hard carbon coating on the external surface |
| | Eye relief | 50mm |
| | Diopter adjustment | -4 to +3 dpt. |
| VIDEO | Display type | OLED 1024x768 |
| | Snapshot function | Yes, built-in memory for 2000 images |
| | Video recording | Yes, built-in memory for 1 hour video |
| | Digital zoom | x2, x4 |
| ADDITIONAL FEATURES | Wireless video streaming and remote control | Built-in Wi Fi module |
| | Bluetooth | Built-in Bluetooth module |
| | Laser rangefinder (LRF) optional | Bluetooth communication |
| POWER | Power Source | Built-in 1 x 18650 Li Ion rechargeable battery and 1 x exchangeable 18650 Li Ion rechargeable battery |
| | Operating time | ~ 6 Hours Continuous @ 25°C with 2 x 18650 Li Ion rechargeable batteries and all extended features OFF |

| | | |
|---|--|---------------------------|
| STATIC RANGE PERFORMANCE *NOTE: The distances defined are calculated in geometrical values only human (1.8x0.5m), vehicle (2.3x2.3m), not accounting the atmospheric conditions | Human Detection Range* | >2300m |
| | Human Recognition Range* | >800m |
| | Vehicle Detection Range* | >5700m |
| | Vehicle Recognition Range* | >1900m |
| ENVIRONMENTAL CHARACTERISTICS *Environmental tests are according to MIL-STD-810G | Operating Temperature Range | -30°C to +50°C |
| | Storage Temperature Range | -50°C to +60°C |
| | Mechanical and climatic tests | According to MIL-STD-810G |
| | IP Protection rating | IP 66 |
| PHYSICAL CHARACTERISTICS | Weight without batteries and accessories | <950g |

