



S750MH Uncooled Thermal Imaging Camera

Main Feature

- OLED High resolution (800×600), High performance display.
- IP67 protection, suitable for various environments.
- Visible light camera built-in, easy for on-site video capture.
- With GPS, E-compass, laser ranging functions.



S750MH Uncooled Thermal Imaging Camera

| Items | S750MH | S750MH-640 |
|----------------------------|---|--|
| Detector type | Uncooled FPA microbolometer | |
| Wavelength | 8 - 14 μm | |
| Pixel | 384×288 | 640×480 |
| Frame frequency | 50Hz | |
| Field of view | 9°×6.75°, Extended telephoto lens (5.1°×3.8°) | 15.2°×11.4°, Extended telephoto lens (8.6°×6.5°) |
| NETD | ≤60mk@30°C | |
| Focus | Auto / Motorized Focus | |
| Screen | HD OLED binocular display, 800×600 | |
| Screen(CCD) | 1/3" CCD, 795 (H) × 596 (V) | |
| Field of view(CCD) | 9°×6.75° | |
| Storage card | Flash Memory | |
| Storage mode | Photo/Video recording | |
| File format | BMP/AVI | |
| Storage capacity | Over 10 thousand photos or 4 hours video | |
| Gain/Brightness adjustment | Automatic/Manual | |
| Image Polarity | Black-hot/White-hot | |
| Electronic zoom(CCD) | x 2, X3, x 4 | |
| Image enhancement | Yes | |
| Positioning system | GPS | |
| | Accuracy | Lng & Lat 5m, elevation 10m |
| Electrical compass | Angle accuracy | Azimuth 0.6°, pitching angle 0.3° |
| | Working baudrate | 1.55 μm (safe for eyes) |
| | Distance | 20m~4Km |
| Laser range finder | Accuracy | ≤2m |
| | Lateral rate | ≥96% |
| | Working frequency | 3 times /min (10 times/min for emergency case) |
| Battery type | Rechargeable Li-ion battery | |
| Battery work time | >4 hours | |
| Operating temperature | -30°C~50°C | |
| Storage temperature | -40°C~70°C | |
| Humidity | ≤90% | |
| Encapsulation | IP67 | |
| Weight | ≤1.6Kg | |
| Color | Black (standard) | |
| Size | 220 (L) mm×195 (W) mm× 85 (H) mm | |
| Power | Yes | |
| Video output | PAL | |
| USB | Yes | |
| Interface | 1/4"-20-UNC | |
| Detection distant | People (1.7×0.5) m | 1900m |
| | Car (2.3×2.3) m | 2700m |
| Recognition distant | People (1.7×0.5) m | 600m |
| | Car (2.3×2.3) m | 900m |

▲ The information contained in this document is subject to change without notice

