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З питань придбання тепловізора в Україні  
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# TAIPAN TM15-256

## THERMAL IMAGING MONOCULAR



The Taipan TM15-256 handheld observational thermal monocular is equipped with a 256×192 infrared detector and a 720×540 LCOS display. It supports functions of observation, highest temperature target tracking, distance measurement, Wi-Fi hotspot, and so on. The high-sensitivity built-in thermal detector provides you with clear view even in total darkness. The monocular is mainly applied to scenarios such as patrolling, law enforcement, searching and rescuing, drug enforcement, anti-smuggling, criminal seizing, hiking, travel, and hunting, etc.

- 256×192 resolution, 12 μm, high sensitivity detector
- Adaptive AGC, DDE, 3D DNR
- 720 × 540 LCOS display
- Built-in rechargeable Lithium battery
- Up to 8 hours continuous running (with Wi-Fi hotspot function off)
- "Auto Power Off" and "Sleep" modes
- Wi-Fi hotspot
- Type-C interface
- Limited 3-year warranty

### FUNCTIONS

#### Distance Measurement:

The device realizes distance measurement function after marking the top and bottom of target, and input the target height.

#### Hot Spot Mark:

The device detects and marks the hot spot of highest temperature.

#### Mode Switch:

Device supports pallet switch and distance measurement.

#### Storage:

Built-in memory module supports video recording/snapshot capturing.

#### Digital Zoom:

Device supports 1x, 2x, 4x, and 8x digital zoom.

#### Wi-Fi Hotspot:

Device can capture snapshots, record videos, and set parameters via APP after being connected to your phone.



## SPECIFICATIONS

| Item                              | Taipan TM15-256                                                    |
|-----------------------------------|--------------------------------------------------------------------|
| Detector Type                     | Vanadium Oxide Uncooled Focal Plane Arrays                         |
| Resolution                        | 256x192                                                            |
| Pixel Interval                    | 12 µm                                                              |
| Refresh Rate                      | 25 Hz                                                              |
| Response Waveband                 | 8µm to 14µm                                                        |
| NETD                              | Less than 35 mk (@25°C), F#=1.0                                    |
| Detection Range                   | 708 m                                                              |
| Lens (Focal Length)               | 15 mm                                                              |
| Aperture                          | F1.0                                                               |
| Field of View                     | 11.69° × 8.78° (H × V)                                             |
| Magnification                     | 1.42x to 11.36x                                                    |
| Digital Zoom                      | 1x, 2x, 4x, 8x                                                     |
| Monitor                           | 720x540, 0.2 inch, LCOS                                            |
| FFC (Flat Field Correction)       | Auto, Manual, External Correction                                  |
| Palettes                          | Black Hot, White Hot, Red Hot, Fusion                              |
| Highest Temperature Spot Tracking | Yes                                                                |
| Wi-Fi Hotspot                     | Yes                                                                |
| Standby Mode                      | Yes                                                                |
| Storage                           | Built-in memory module (8 GB)                                      |
| Record Video                      | On-board video recording                                           |
| Capture Snapshot                  | Yes                                                                |
| CVBS Output                       | Yes (via USB)                                                      |
| Multi Language menu               | Yes                                                                |
| Battery Type                      | Built-in rechargeable Lithium battery                              |
| Battery Operating Time            | Up to 8 hours continuous running (with Wi-Fi hotspot function off) |
| Battery Capacity Display          | Yes                                                                |
| Power                             | 5 VDC/2 A, 1.5 W                                                   |
| Interface                         | USB Type-C                                                         |
| Working Temperature               | -20°C to 55°C (-4°F to 131°F)                                      |
| Protection Level                  | IP67                                                               |
| Drop Test Height                  | 1.5 m (4.9 feet)                                                   |
| Dimension                         | 158 × 61 × 57 mm (6.23 × 2.4 × 2.2 in)                             |
| Weight                            | 280 g (0.62 lb)                                                    |

Specifications are subject to change without notice.



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