

# **Gryphon-GH25 Handheld Thermal Monocular Camera**



HIKMICRO GRYPHON GH25 handheld thermal monocular camera is equipped with a  $384 \times 288$  infrared detector, a  $1920 \times 1080$  Low illumination optical detector and a  $1024 \times 768$  OLED display. It supports functions of observation, Wi-Fi hot spot, hot tracking, bi-spectrum image fusion, and so on. The monocular is mainly applied to scenarios such as patrolling, law enforcement, searching and rescuing, narcotic enforcement, anti-smuggling, tracing and arresting, hiking, and travel, etc.

# **Key Features**

#### **Thermal**

- 384 × 288 resolution, high sensitivity detector, contract adjustment
- 3D DNR
- 25 mm lens

#### **Optical**

- Low-light-level detector
- 1920 × 1080 resolution

#### Display

- 0.39 inch OLED display
- 1024 × 768 resolution
- Thermal, optical and fusion modes

#### **Battery**

- Built-in rechargeable lithium battery
- 5 hours continuous running with CVBS and Wi-Fi hot spot function off (@25°C)

#### **Function**

- Wi-Fi hot spot
- Built-in EMMC v5.1 Interface with large memory (16 GB), support picture snapshot and video
- Recording
- Digital zoom
- Type-C Interface
- Control knob



# Specification

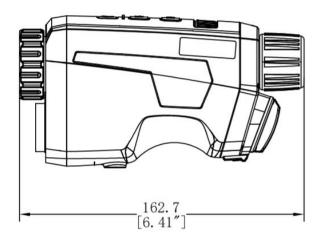
| Thermal Module                   |  |
|----------------------------------|--|
| Image Sensor                     | VOx Uncooled Focal Plane Arrays                                  |
| Max. Resolution                  | 384 × 288  |
|                                  |  |
| Frame Rate                       | 50 Hz  |
| Pixel Interval                   | 12 μm  |
| Response Waveband                | 8 μm to 14 μm  |
| NETD                             | <35 mK (@25°C, F# = 1.0)   |
| Lens (Focal Length)              | 25 mm  |
| Detection Range                  | 1200 m   |
| Focus Mode                       | Manual   |
| Field of View                    | 10.53° × 7.9° (H × V)  |
| Min. Focusing Distance           | 2 m  |
| Aperture                         | F1.0   |
| Magnification                    | 2.39   |
| Digital Zoom                     | 1 ×, 2 ×, 4 ×, 8 ×   |
| Optical Module                   |  |
| Image Sensor                     | 1/2" Progressive Scan CMOS                                       |
| Focal Length                     | 22 mm  |
| Wavelength                       | 400 nm to 1000 nm  |
| Max. Resolution                  | 1920 × 1080  |
| Min. Illumination                | 0.001 Lux @ F1.0   |
| Image Display                    |  |
| Frame Frequency                  | 50 Hz  |
| Display                          | 0.39 inch, OLED, 1024 × 768                                      |
| Image Mode                       | White Hot, Black Hot, Red Hot, Fusion, Visible, Image Fusion     |
| FFC (Flat Field Correction) Mode | Auto, Manual, External Correction                                |
| Smart Function                   |  |
| Hot Spot                         | Yes  |
| Hot Track                        | Yes  |
| Standby Mode                     | Yes  |
| System                           |  |
| Record Video                     | Yes  |
| Capture Snapshot                 | Yes  |
| Built-in Memory                  | 16 GB  |
| Power Supply                     |  |
| Power                            | Removable Battery  |
| Battery Type                     | One 18650 battery  |
| Battery Operating Time           | 5 hours  |
| General                          |  |
| Protection Level                 | IP67   |
| Dimension                        | 87.2 mm × 51.2 mm × 162.7 mm (3.43 inch × 2.02 inch × 6.41 inch) |
| Weight                           | 480 g  |
| Working Temperature              | -30 to 55°C  |
| Eye-Relief                       | 19.5 mm  |
| -,                               |  |

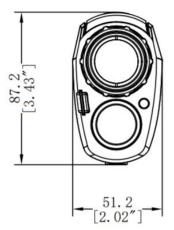


## Available Model

■GH25

## Dimension





Unit: mm [inch]

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