

# Gimbal Camera



MG360R



MG360RL

|                           |  |  |
|---------------------------|--|--|
| Features                  | • Equipped with visible light imaging capability.  | • Visible and infrared dual-mode imaging capability. |
|                           | • Ground target detection and recognition ability. | • Ground target detection and recognition ability.   |
|                           | • Automatic capture functionality.                 | • Search, track, lock, and guide working modes.      |
|                           | • Photo and video recording features.              | • Target location and positioning functionality.     |
|                           | • Target GPS information logging capability.       | • Laser illumination and rangefinding features.      |
| <b>Gimbal</b>             |  |  |
| Stabilized System         | 2-axis   | 2-axis   |
| Mechanical Range          | 360° continuous Pan; Pitch: -110~ +10°             | 360° continuous Pan; Pitch: -110~ +10°               |
| <b>Zoom Camera</b>        |  |  |
| Sensor                    | 1/2.8" CMOS  | 1/2.8" CMOS  |
| Effective Pixels          | 213 MP   | 213 MP   |
| Resolution                | 1920*1080  | 1920*1080  |
| Focal length              | 4.3-129 mm   | 4.3-129 mm   |
| Optical Zoom              | 30x  | 30x  |
| Digital Zoom              | 12x  | 12x  |
| Max. Zoom                 | 360x   | 360x   |
| <b>Thermal Camera</b>     |  |  |
| Focal length              | 35 mm  | 35 mm  |
| Resolution                | 640*512  | 640*512  |
| Digital Zoom              | 2x / 4x  | 2x / 4x  |
| Pixel Pitch               | 12 μm  | 12 μm  |
| Spectral Band             | 8-14 μm  | 8-14 μm  |
| <b>Laser Range Finder</b> |  |  |
| Wave length               | 1535 nm  | 1064 nm  |
| Measurement accuracy      | ± 1 m  | ± 1 m  |
| Measurement range         | 50-3000 m  | 120-5000 m   |
| <b>General</b>            |  |  |
| Dimensions                | 135*135*180mm                                      | 172*172*200 mm                                       |
| Weight                    | 1.2 kg   | 2.5 kg   |
| Voltage                   | 12 V   | 24 V   |
| Operating Temperature     | -20~60 °C  | -20~60 °C  |
| <b>Laser Illuminator</b>  |  |  |
| Illumination Range        |  | ≥ 2 km   |
| Continuous Time           |  | ≥ 20 s   |
| Encoding Accuracy         |  | ≤ 2.5 μs   |

# MG360R

## Parameters

### Features

- Equipped with visible light imaging capability.
- Ground target detection and recognition ability.
- Automatic capture functionality.
- Photo and video recording features.
- Target GPS information logging capability.

### Zoom Camera

|                  |             |
|------------------|-------------|
| Sensor           | 1/2.8" CMOS |
| Effective Pixels | 2.13 MP     |
| Resolution       | 1920*1080   |
| Focal Length     | 4.3-129 mm  |
| Optical Zoom     | 30x         |
| Digital Zoom     | 12x         |
| Max. Zoom        | 360x        |



### Laser Range Finder

|                      |           |
|----------------------|-----------|
| Wave Length          | 1535 nm   |
| Measurement Accuracy | ± 1 m     |
| Measurement Range    | 50-3000 m |

### Gimbal

|                   |  |
|-------------------|--|
| Stabilized System | 2-axis                                 |
| Mechanical Range  | 360° continuous Pan; Pitch: -110~ +10° |

### General

|                       |                |
|-----------------------|----------------|
| Dimensions            | 110*110*180 mm |
| Weight                | 1 kg           |
| Voltage               | 12V            |
| Operating Temperature | -20~60 °C      |

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