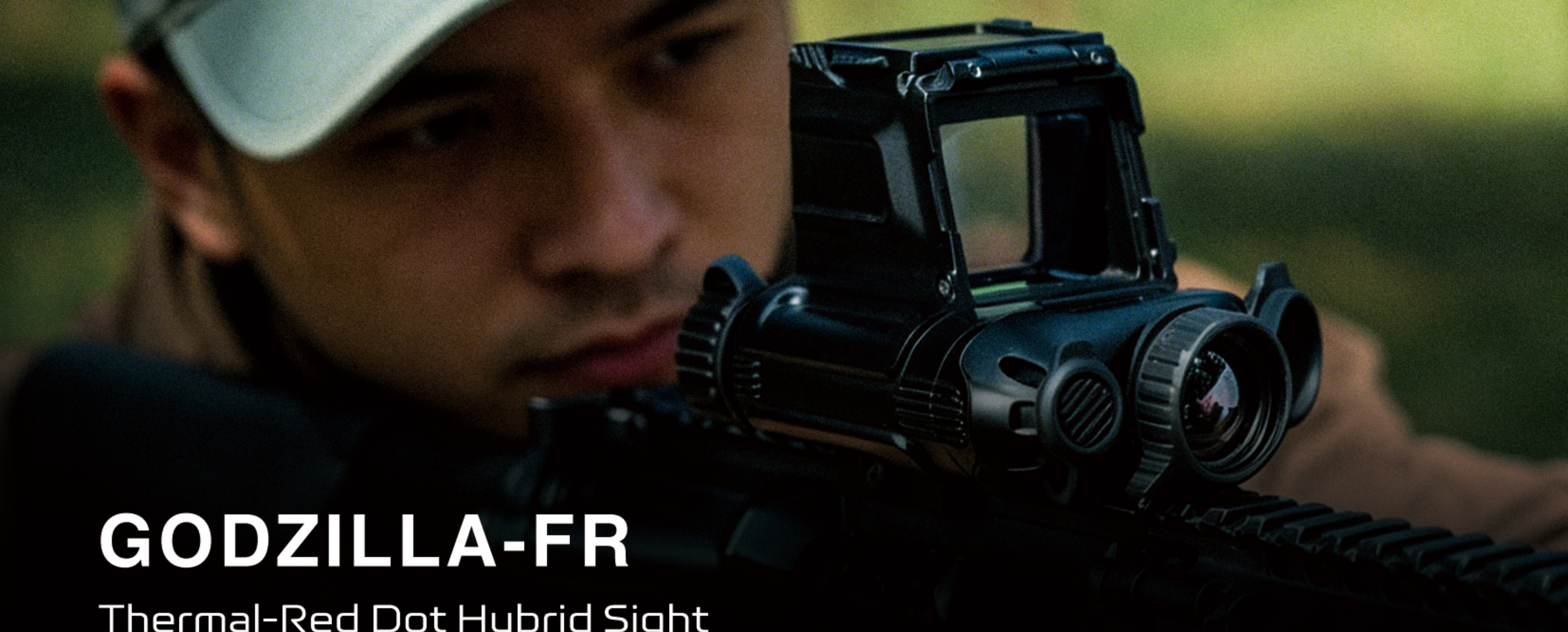


# GODZILLA-FR

## Thermal-Red Dot Hybrid Sight

The GODZILLA-FR is a thermal fusion red dot scope designed for all-weather environment sensing requirements. The product deeply integrates a red dot sight with thermal imaging technology; the red dot enables rapid targeting, while thermal imaging clearly reveals target outlines and environmental details in low light, dark, smoky, or dusty conditions.

## KEY FEATURES

### FAST TARGET CAPTURE

42×32 mm ultra-large viewing window

### ALL-WEATHER TARGET RECOGNITION

It supports five recognition modes: red dot, highlight, outline, red-hot, and black-hot.

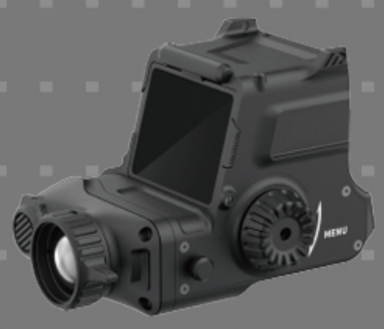
### ONE-BUTTON NV COMPATIBILITY

A dedicated NV button for linkage with night vision devices.

### EXTENDED DURATION WITH DUAL SYSTEMS

It can operate for over 10 hours in the thermal imaging mode, even over 80 hours in the red-dot mode.

1

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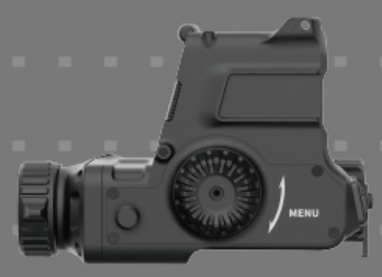
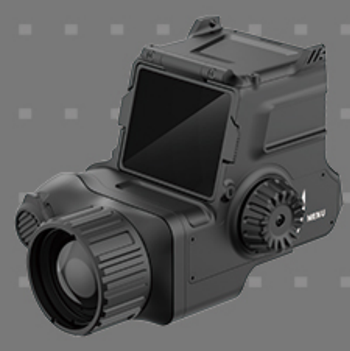



FR3

3

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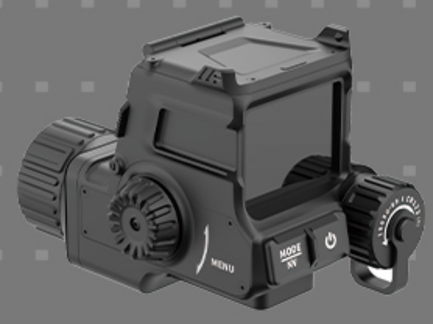



FR6

# TECHNICAL DATA

| Model | G-FR3 | G-FR6 |
|---|---|---|
| **Thermal Channel** | | |
| Sensor Resolution | 384×288 pixels，12μm | 640×512 pixels，10μm |
| Frame Rate | 60Hz | 60Hz |
| Focal Length | 22.7mm/F1.0 | 31.5mm/F1.0 |
| FOV(H×V) | 11.6°×8.7° | |
| System Magnification | 1× | |
| Digital Zoom | 1×/2×/4× | |
| **Display** | | |
| Screen Type | OLED(Red only),1024×768 | |
| Glass Window | 42mm×32mm | |
| Exit Pupil Distance | 50~200mm | |
| **Advanced Functions** | | |
| Image Format | Red dot, Outline, Highlight, Red hot, black hot | |
| Reticle Type | Point, Circle+Point, Circle+Point+Reticle | |
| Brightness Adjustment | 5 gears (Day Mode) / 3 gears (Night Mode) | |

| Model | G-FR3 | G-FR6 |
|---|---|---|
| **Physical** | | |
| Dimensions (W × H × D) | 123mm×82mm×78mm (No Picatinny rail) | 129mm×84mm×87mm (No Picatinny rail) |
| Weight | ⩽517g (including battery) | ⩽550g (including battery) |
| **Power Supply** | | |
| Battery Type | 1×18650/2×CR123/2×CR123A | |
| Battery life | ＞10h(Thermal imaging)<br>＞80h(Red dot) | |
| **Interfaces** | | |
| External Power Supply | 5~24V DC | |
| Video Output | UVC | |
| Wired Data | Serial port，USB | |
| **Environmental** | | |
| Shock Resistance | 1000g,0.3ms，1Hz | |
| Immersion | IP67 | |

# ACCESSORIES

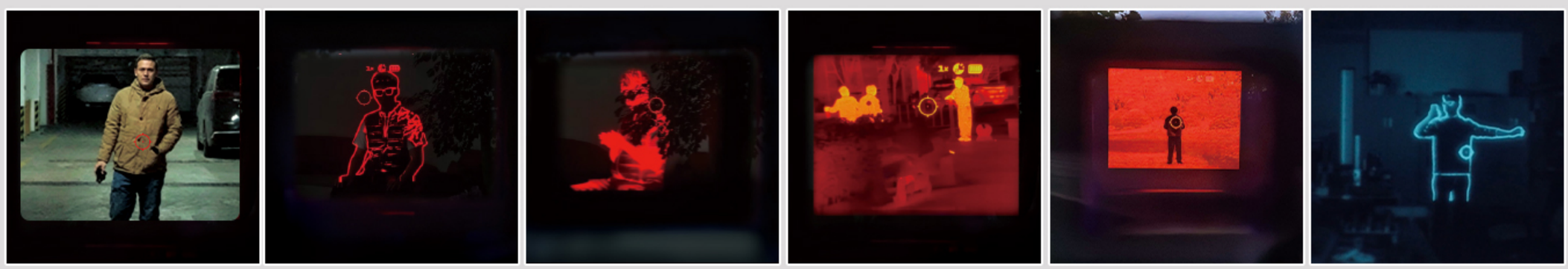
**1** BATTERY COVER


**2** BATTERY TUBE

**3** CONNECTING SEAT

## Infrared range performance
## Human


The calculation of these indicators is based on the target detectability division method defined in the Johnson criterion. The humanoid target is defined as 1.7m high and 0.5m wide, and the vehicle target as 2.3m by 2.3m. The calculations assume standard environmental conditions and are based on the sensor specifications listed in the product. Actual performance may vary due to environmental factors, atmospheric conditions, or operational settings.



RED DOT MODE | OUTLINE MODE | HIGHLIGHT MODE | THERMAL MODE | BLACK HOT | EFFECT WITH NIGHT VISION GOGGLES