





Thermal monocular EOS-GRL325/335

Product description

Sensor : 384×288 @ 12μm

Lens : 25/35 mm

Magnification (x): 3X / 6X / 9X / 12X

Sensor type: uncooled

Frame rate (Hz): 50

Display type: AMOLED HD

Display resolution (pixels): 1024x768

Protection class (IP code) (IEC60529): IPX7 (waterproof)

Battery type: 18650 lithium battery.

Capable of withstanding an impact force of $\leq 1000G$

Dimensions (mm): 160*85*80 mm

Weight (g): 560 g

High-performance thermal imaging device with exceptional clarity

The EOS GRL325 and GRL335 thermal cameras are equipped with a 384×288 resolution thermal sensor and advanced 12 μm pixel technology. With high thermal sensitivity (NETD $<25mK$), they accurately capture subtle temperature differences, providing clear and stable thermal images for observation day and night.

Extended thermal detection range

With an extended thermal detection range of up to 1,500 meters, this thermal imaging device enables the identification of heat sources at long distances. The 55 Hz refresh rate ensures a smooth, real-time image display, making it suitable for dynamic outdoor environments and inspections.

Six imaging modes with intelligent thermal optimization

Several imaging modes are available to suit different environments and user preferences. Whether in open areas or complex environments, the adjustable thermal imaging modes enhance visibility and detail in varying conditions.

64 GB built-in storage

The built-in 64 GB internal memory allows for convenient storage of photos and videos without the need for external storage devices, facilitating efficient data capture for outdoor observation and inspection applications.

Easy image alignment and calibration

The device supports intuitive adjustment of the image position and visual alignment calibration. Users can easily fine-tune the display reference to ensure accurate and consistent thermal imaging results during operation.



Thermal monocular EOS-GRL325/335

Reliable quality and long-term support

The EOS thermal imaging device comes with a 5-year warranty. In the event of any quality or performance issues, our professional support team offers rapid and effective assistance to ensure stable and reliable operation.

Specifications

Sensor: 384*288 @ 12μm

Lens: 25/35 mm

Magnification (x): GRL325 (25 mm): 3X/ 6X/ 9X/ 12X

GRL335 (35 mm): 4X/8X/12X/16X

Sensor type: Uncooled VOX

Frame rate (Hz): 55 Hz

Display resolution (pixels): 1024x768

Taking photos and recording video: supported

Protection class (IP code) (IEC60529): IPX7 (waterproof)

Battery type: 18650 lithium battery.

GRL335

35mm Lens





Thermal monocular EOS-GRL325/335



**$\leq 800\text{G}/1\text{ms}$ shock resistant
(8000J)**



25mm/35mm

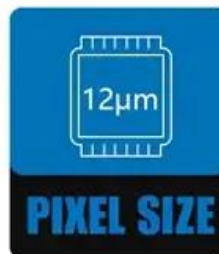
384x288px

1800m

IP67



18650 Li-ion
Powered Battery



PIXEL SIZE



50 FPS
VIDEO RECORD



WIFI



6 Types Thermal Image Mode

Adapt to different scenarios



Color Mode 1



Color Mode 2



Color Mode 3



Color Mode 4



Color Mode 5



Color Mode 6

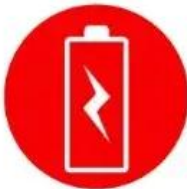
FAST ZERO CALIBRATION

SIGHTING IN YOUR SCOPE HAS NEVER BEEN EASIER WITH FAST ZERO CALIBRATION. TAKE A SHOT ADJUST YOUR RETICLE AND YOU ARE GOOD TO GO.



WORK>6 HRS

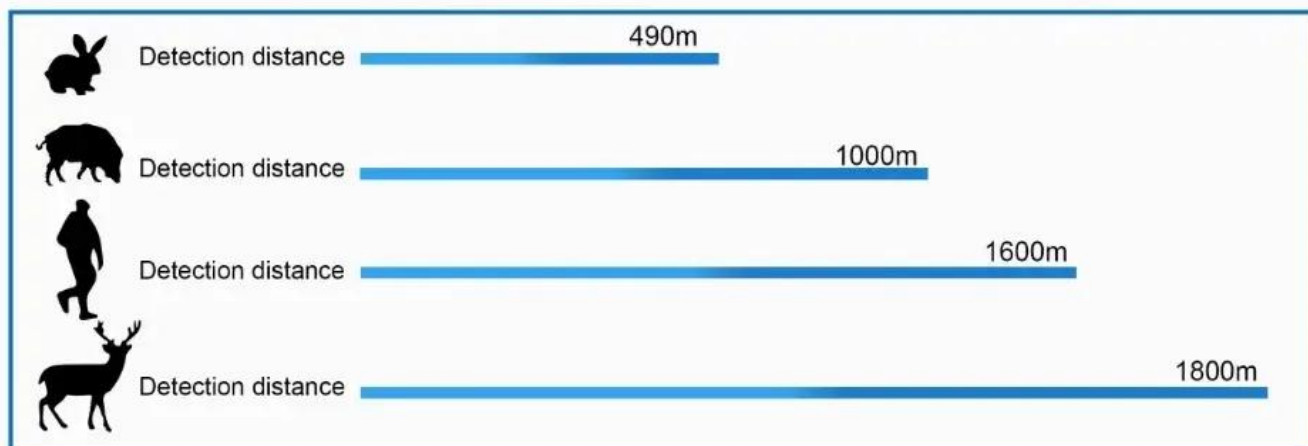
Rechargeable lithium battery



SUPER STRONG DETECTION RANGE



Detection distance(yards)



LIGHTWEIGHT AND PORTABLE

The compact and streamlined design of the Little Conch makes it lightweight and easy to carry and install for extended periods, while also withstanding up to 1000g/0.4ms recoil for enhanced durability.

- 1 Objective
- 2 Objective Focusingwheel
- 3 Up Button
- 4 Down Button
- 5 M Button
- 6 Switch Button
- 7 Eyepiece Cover
- 8 Diopter Adjustment
- 9 Battery Menu Button Compartment
- 10 SD Card
- 11 Type-C Interface
- 12 Indicator Light
- 13 Gun Sight Base



FUNCTION

Picture In Picture	Yes
Video&Audio	Yes
Photo	Yes
Reticles	5 Types, 5 Colors
Pseudo Color Modes	White Hot/Hot Red/Green Hot/ False/No Fire/Red Hot
Defective Pixel Correction	Yes, Auto Correction
RAV & Wi-Fi	Yes
Hot Track	Yes
FFC	Yes
Scene Mode	Yes, Adaptive Mode
Classic One Shot Zero	Yes
Thermal One-Shot Zero	Yes
Shot Activated Recording	Yes

INFRARED

Detector Type	Vanadium Oxide Uncooled Focal Plane Array
Resolution	384*288
Die Size	12μm
Frame Rate	≤55Hz
NETD, mK	<25mK @ 25°C, f/1.0

DISPLAY

Type	OLED
Dimensions	0.59 Inchs
Resolution	1024*768

PHYSICAL

Net Weight (No Battery)	GRL325 538 g/1.19 lbs. GRL335 653g/1.32 lbs
Dimensions	160*65*80 mm/ 6.30 * 2.56 * 3.15 Inches
Max. Recoil	1000 g/0.4 ms
IP Level	IP65
Operating Temperature	-20°C to 50°C/-4°F to 122°F
Storage Temperature	-10°C to 65°C/14°F to 149°F
SD Card	64GB
Materials	Aluminum-Magnesium Alloy
Warranty	5 Years

OPTICAL

MODEL	GRL325	GRL335
Objective Lens	25mm	35mm
Eye Relief	50mm	
Optical Zoom	3X	4X
Digital Zoom	1X, 2X, 3X, 4X	
Field of View (FOV)	8.3°*6.2°	6.5°*4.5°
Diopter Adjustment	-5 to +5 Diopters	
Focus Range	3m to Infinity	
Detection Range	1500m	1800m

POWER & COMPATIBILITIES

Battery Type	18650 Lithium Battery
Battery Capacities	3.7V, 2600 mAh
Operating Time	6-8Hours
Charging Specifications	5V/2A
Compatible Mounts	Picatinny Mount

Thermal monocular EOS-GRL325/335



Canvas Bag



Thermal scope



Battery charger



USB Type-C Cable



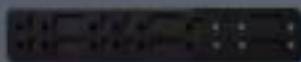
Hex Key



Charger Plug



Battery



Standard mounting interface



64G SD Card



Lens Cloth



Screws (12)



Eyepiece Cover