

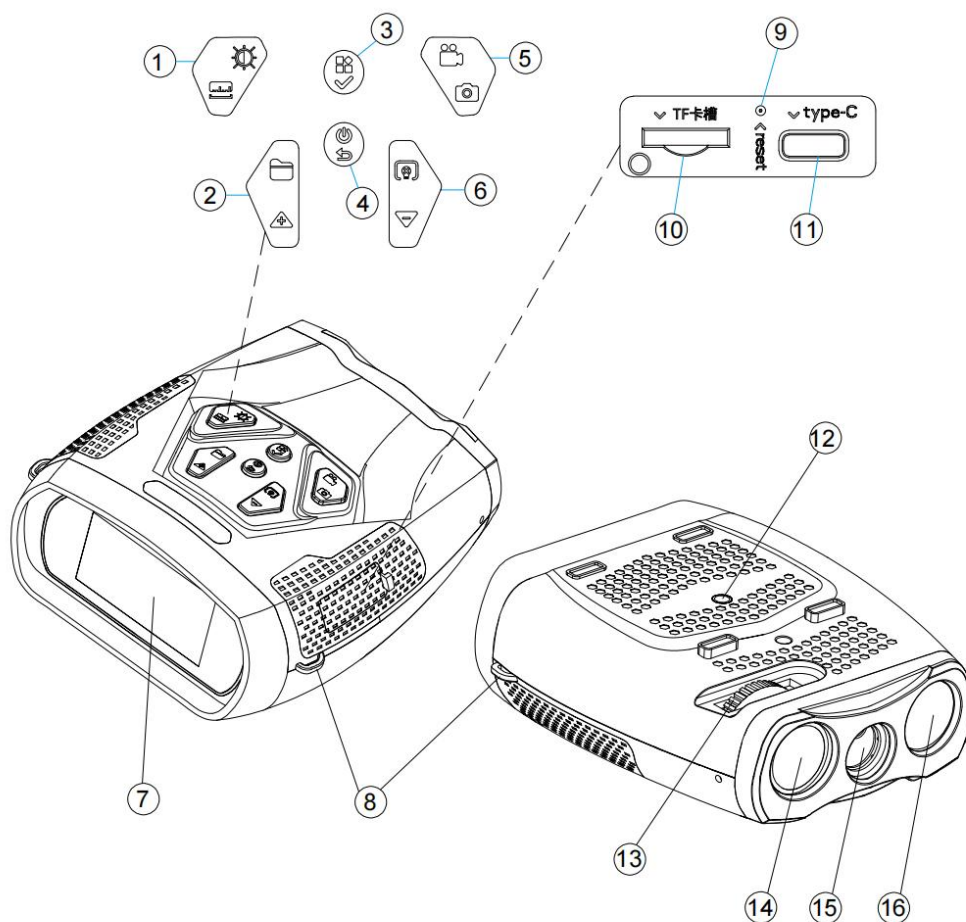
# Laser Ranging Night Vision Device User Manual

## 1. Product Features

Thank you for choosing the Gemin Vision Laser Ranging full-color night vision product!

This product incorporates advanced technologies such as full-color digital HD imaging and a high-sensitivity, low-light sensor, assisted by active infrared illumination, and an integrated laser rangefinder. It offers a wide field of view, covering a stereoscopic area up to 500 meters in front day and night, enabling instant measurement of the relative distance to the observed target. This product is an excellent assistant for outdoor sports, night observation, field tracking, and security patrols!













## 2. Appearance and Structure



Callout	Label Explanations	Callout	Label Explanations
1	Buttons- IR Fill Light / Activate Laser Ranging	9	Pinhole Reset Button
2	Buttons- Browse File / Move Up or Zoom In	10	TF Card Slot

3	Buttons- System Settings/ Confirm	11	Type-C Data and Charging Port
4	Buttons- Power On/Off   Back or Cancel	12	Standard Mount Copper Nut
5	Buttons- Video Recording/ Photo Capture	13	Lens Focus Ring
6	Buttons- Screen Off/ Move Down or Zoom Out	14	Camera Lens Window
7	Full-Color LCD Viewing Window	15	Laser Ranging Window
8	Lanyard Loop	16	IR Fill Light Window

### 3. Button operations

Callout	Long press		Short press	
	Icon	Description	Icon	Description
1		IR Fill Light		Activate Laser Ranging
2		Browse File		Move Up or Zoom In
3		System Settings		Confirm
4		Power on/ off		Return or cancel
5		Video Recording		Photo Capture
6		Screen On/Off		Move Down or Zoom Out

### 4. PC Connection & Charging

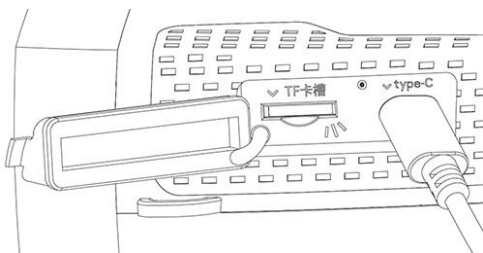


Fig.(a)

Fig(a): The green indicator flashes in the TF card slot during charging.

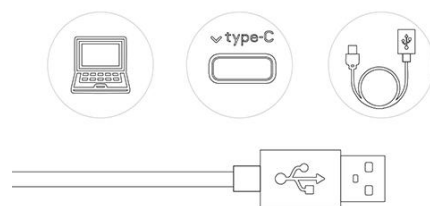


Fig.(b)

Fig(b): Connect the USB end to your computer and the Type-C end to the device.

### 5. Key Technical Specifications

SN	Main Parameters	Description
1	Telescope Lens	$\phi=25\text{mm}$ , $f=25\text{mm}$ , HFOV=11.4°
2	Video Frame Rate	35fps

3	Image Resolution	2K, 1080FHD
4	Digital Zoom	20X
5	Infrared Fill Light	3W, 4-Levels
6	Visible Light Imaging	3m ~ Infinity
7	Laser Ranging	4m ~ 500m
8	Electronic Viewfinder	Full-Color 3.5-inch LCD, 854×480
9	Battery Life	6h
10	TF Storage Card	32G
11	Charging/Data Interface	Type-C
12	Working Temperature	-15°C~55°C
13	Storage Temperature	-30°C~70°C
14	Dimensions	171mm×149mm×65mm

## 6. Usage Precautions

- ✧ Do not use the device to look at the sun or any other type of strong light source.
- ✧ This device contains electrical components. Children should only use it under adult supervision.
- ✧ Before cleaning, please turn the device off and disconnect it from the power supply to prevent damage.
- ✧ When cleaning the lens, use a lint-free soft cloth (or special lens tissue) to avoid scratching the lens.
- ✧ Protect the device from severe impact or falling. Please use the safety lanyard to prevent accidental drops.
- ✧ Do not disassemble the device. If any defects are found, please contact the seller promptly.
- ✧ Store the device in a clean and dry place to protect it from dust and moisture.

## 7. Special Usage Notes



Please respect the privacy of others. Use the device cautiously when observing specific individuals to avoid ethical risks and legal violations.



Do not expose the device to high temperatures. Overheating can cause short circuits, and even fire or explosion.  
Do not place the device under direct sunlight, as the lens may focus light and potentially cause combustion or fire.



Before use, please remove the protective film (if present) from the camera lens and the infrared lens to ensure clear imaging.