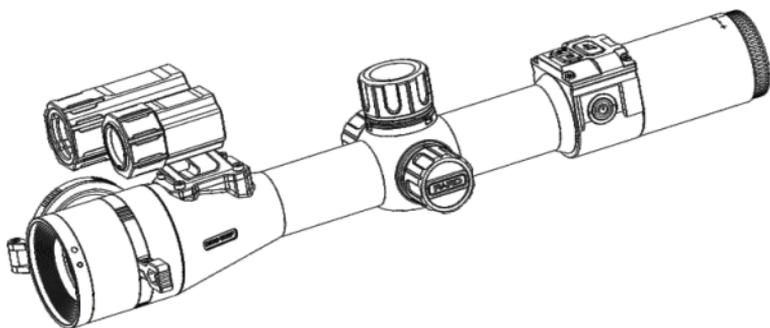




Digital Night Vision

# DS35 Series

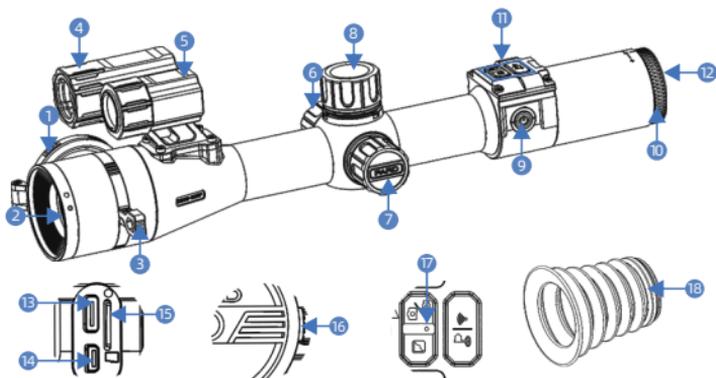
Quick Start Guide



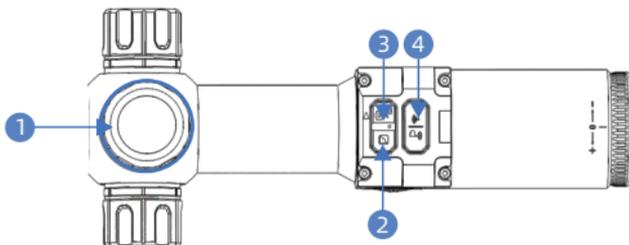
## Package Contents

Icon	Contents	Quantity
	Night vision device	1
	3.7V 18650 Rechargeable lithium-ion battery	1
	Protective case	1
	Type-C cable	1
	30mm Standard mount rings	2
	Allen wrench	3
	IR replacement screw (IR version only)	1
	Cloth	2
	Rubber eye cup	1
	Quick start guide	1
	After sales card	1

## Components and Controls



No.	Name	No.	Name
1	Lens cap	10	Diopter adjustment ring
2	Objective lens	11	Button panel
3	Focus lever	12	Eyepiece lens
4	Laser rangefinder (LRF version)	13	Type-C charging port
5	IR light (IR light version)	14	HDMI port
6	Battery cap	15	TF card slot
7	Battery compartment	16	Focus-free lens cap switch
8	Control knob	17	Power indicator
9	Power/Sleep button	18	Rubber eyepiece



Knob (Key1)	<b>Rotate counterclockwise</b>	<b>Rotate clockwise</b>	–
	down/-/hide homescreen icons	up/+/zoom	–
	<b>Single press</b>	<b>Press and hold</b>	<b>Double press</b>
	quick menu/ok	full menu	PIP

	<b>Single press</b>	<b>Press and hold</b>	<b>Double press</b>
Key2	IR light adjustment	switch black & white/color mode	–
Key3	take a photo	record video	files
Key4	LRF/B.C function/back	WiFi	–

## Key1:

### 1. Single press:

- ① Home screen mode: press [Key 1] to enter the shortcut menu.
- ② Menu mode: press [Key 1] means confirm.

### 2. Press and hold:

Home screen mode: press and hold [Key 1] to enter the full menu.

### 3. Double press:

Home screen mode: double press [Key 1] to turn on/off the picture-in-picture function.

### 4. Rotate counterclockwise:

- ① Home screen mode: turn the [knob] counterclockwise to hide/show home screen icons.
- ② Menu mode: rotate the [knob] counterclockwise to scroll down between menu options. In the parameter setting interface under the sub menu, rotate [knob] counterclockwise to decrease the values.

### 5. Rotate clockwise:

- ① Home screen mode: rotate [knob] clockwise to switch the magnification.
- ② Rotate the [knob] clockwise in the menu option interface to switch menu options upward. In the parameter setting interface under the sub menu, rotate [knob] clockwise to increase the values.

**Note:** The knob has slow rotate (Step 1)/fast rotate (Step 2).

## Key2:

### 1. Single press:

Home screen mode: press [Key 2] to turn on the first, second and third level of brightness of the IR light (you need to enter the black and white mode before you can perform this operation).

### 2. Press and hold:

Home screen mode: press and hold [Key 2] to switch between black and white/color mode.

## Key3:

### 1. Single press:

Home screen mode: press [Key 3] to take a photo.

### 2. Press and hold:

Home screen mode: press [Key 3] to record a video. Press and hold [Key 3] again to save the video and exit.

### 3. Double press:

Home screen mode: double press [Key 3] to enable the playback function. After entering this interface, the video and picture files in the memory card will be displayed.

- ① Rotate the [knob] to switch between files.
- ② Press [Key 1] to play/pause the saved videos.
- ③ When playing videos, rotate the [knob] to fast forward or rewind 2x/4x/8x times.
- ④ Press [Key 4] to access the following settings: delete, file protection and slide show.
- ⑤ Press and hold [Key 4] to return.

## Key4:

### 1. Single press:

- ① Home screen mode:

- Press [Key 4] to start the range detection function (For LRF version, the distance will be measured and displayed automatically. For non LRF version, the distance is not measured automatically and will display "[0]m or [0]yds". You need to manually input the target distance value by rotating the knob).
  - Press [Key 4] a second time to turn on the B.C indicator (when the B.C is turned off, the range indicator is turned off).
  - Press [Key 4] a third time to turn off the B.C indicator (when the B.C is turned on).
- ② In menu mode: press [key 4] to return to the previous page.

## 2. Press and hold:

Home screen mode: press and hold [Key 4] to turn on/off the WiFi function.

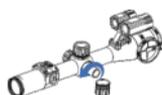
**Please note:** When the WiFi is turned on, you cannot access the menu. Press and hold [Key 4] to turn off the WiFi and then enter the menu interface.

# Installation

## 1 Battery installation and startup

The battery installation steps are as follows:

- ① Unscrew the battery cap counterclockwise and remove the battery.



- ③ Insert the battery, ensuring that the positive (+) side goes in first and tighten the battery cap clockwise.



- ② Remove the insulating tape.



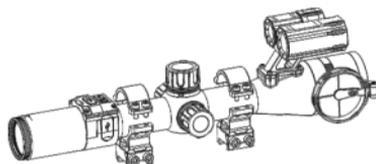
- ④ To turn on the device, press and hold the power button for about 3 seconds. (When the power light illuminates and the PARAD Logo appears on the screen, the device is ready for use.)



## 2 Mount installation

To ensure the best user experience, we highly recommend using our original mount included in the product packaging.

- ① Unscrew the ring tops, and loosen the screws on the bottom half of the mount.
- ② Attach the bottom half of your rings to the rail.
- ③ Tighten the screws on the rear mount to your rail.
- ④ Place the scope in the scope rings.
- ⑤ Install the ring tops and tighten down the screws as shown in the picture 1.



Picture 1

## 3 Diopter focusing

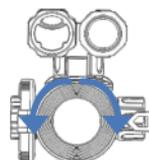
Rotate the diopter focusing wheel until you can see the screen clearly as shown in picture 2.



Picture 2

## 4 Objective lens focusing

Adjust the objective focusing wheel until you can see the target image clearly as shown in picture 3.



Picture 3

## 5 Compass calibration

Please use the "figure 8 pattern method" as shown in picture 4 to calibrate the compass.



Picture 4

## Key Features

- 800\*800 Circular LTPS display
- B.C function
- Long eye-relief display system (LEDS)
- 1000M Laser rangefinder
- Completely new UI
- Multi-functional control knob
- WiFi
- 6000J Recoil resistance
- Image shift zero
- Patented focus-free lens cap
- Direction adjustable IR fill light
- Self-activated recording
- 4 Image modes
- 50/70mm Optional objective lens
- IP67 Waterproof

## Precautions

- ① Please remove the insulating tape before using the scope for the first time. Use a lithium-ion battery with a 3.7V rated voltage.
- ② When not in use, always turn off the device. If you are not going to use the device for more than 10 days, please remove the battery and store it in a safe place.
- ③ Use extreme caution and care when using or transporting the device. Please use original packaging during transportation.
- ④ To avoid eye damage, avoid staring directly into the infrared fill light from a close distance!
- ⑤ When this product's IR infrared light is turned on, aiming at flammable objects up close is absolutely prohibited. Turn off the IR infrared fill light when not in use.
- ⑥ Avoid scratches and damage to the lens caused by oil or chemical contamination. When not in use, keep the lens cap on.
- ⑦ The device should be stored in a cool, dry, ventilated environment free of strong electromagnetic fields, with temperatures no lower than (-5°F/-20°C) and no higher than (120°F/50°C).
- ⑧ Do not disassemble the device without authorization, doing so will render the warranty service null and void. Please contact our after-sales team if you encounter any problems.

## Specifications

Model	DS33			DS35			
Sensor resolution(px)	1920*1080			2560*1440			
Objective lens	50mm, F2.4 / 70mm, F2.4			50mm, F2.4 / 70mm, F2.4			
Optical magnification(x)	5/7			4/5.6			
Photo resolution(px)	1920*1080			2560*1440			
Product dimension (L x W x H, mm)	350*88*95(w/o long eyepiece) 410*88*95(w/ long eyepiece)			350*88*95(w/o long eyepiece) 410*88*95(w/ long eyepiece)			
N.W/pcs (with/without battery, g)	680(w/o battery) 725(w/ battery)			680(w/o battery) 725(w/ battery)			
<b>General parameters</b>							
Reticle color	white/yellow/green			Color mode	color/mono black&white/ mono green/mono yellow		
Operating temp(°C/°F)	-20°C - 50°C ~ -5°F-120°F			LRF detection range	1000M (LRF version)		
Frame rate(fps)	30	Digital zoom(x)	2	Focus range	5m-∞	Eye relief(mm)	100
IR power(w)	5	IR distance(m)	350	IR wavelength (nm)	850/940	Display type	IPS LCD
Display resolution(px)	800*800	Reticle style	6	Degree of protection	IP67	Recoil power(J)	6000
Photo format	JPG	Video resolution (px)	1920*1080	Video format	MP4	Storage	TF card(128GB)
Battery type	Lithium Ion18650	Output voltage (V)	3.7	Operating time (h,max)	8	External power supply	USB Type-C