TEN RINGS®
see far & see clear

Shenzhen Ten Rings Optics Co., Ltd.

☎ +86 755 2941 3690

✉ info@tenrings.cn

🌐 www.tenrings.cn

🏠 2 / F, Building 1, Phase 5, Fucheng Digital Innovation
Industry Park, Fucheng Sub-district Office, Longhua
District, Shenzhen City, Guangdong Province, China. P.C.: 518110

TEN RINGS®
see far & see clear

Shenzhen Ten Rings Optics Co., Ltd.

DIGITAL DAY & NIGHT
VISION SCOPE

Show you a farther world clearly | ♻

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Company Introduction

Shenzhen Ten Rings Optics CO., Ltd. (hereinafter referred to as "Ten Rings") was established in Shenzhen, China. The registered trademark is " TEN RINGS® ". It is a private technology enterprise specializing in the design, research and development, production and sales of high-definition digital photoelectric products, infrared night vision and thermal imaging products.

Ten Rings always regards scientific and technological innovation as the driving force for enterprise development, has a R&D team with high-quality personnel and strong professional skills, and maintains in-depth exchanges and cooperation with well-known domestic and foreign customers to form a technology and product development center with industry characteristics. Ten Rings has modern production lines, automated production workshops, and automated plug-in workshops, with an annual output of nearly one million units. The products are exported to all over the world, involving digital night vision imaging products, photoelectric conversion products and other products, and the qualified rate of products is 100%.

All the products produced by Ten Rings have passed the authoritative, CE, FCC and ROHS certifications at home and abroad. Ten Rings has successfully passed the ISO9001:2015 international management system certification, and participates in professional exhibitions in this industry at home and abroad many times a year, which also provides diversified product choices for customers and professional players in the industry.

Relying on high-quality products, innovative market system, and perfect after-sales service, Ten Rings will continue to uphold the concept of "people-oriented, honest management, and win-win cooperation" in the future development, develop in exploration, improve in innovation, use modern science and technology and management methods, create high-quality products with excellent talents and high-quality services, and provide a win-win situation for the majority of cooperative enterprises!

COOPERATIVE CULTURE

A Management Team

There is a highly educated and high-quality core management team.
All the members have many years of practical experience in marketing, R&D, finance, production and administrative anagement. They're dedicated, united, collaborative, mutual understanding & support, and strive for the same goal.

B Sales Team

There is an excellent sales team, each member has rich marketing experience and good professionalism. They're dedicated, mutual assist & support and can provide the best service and support for domestic and foreign customers.

C R & D Team

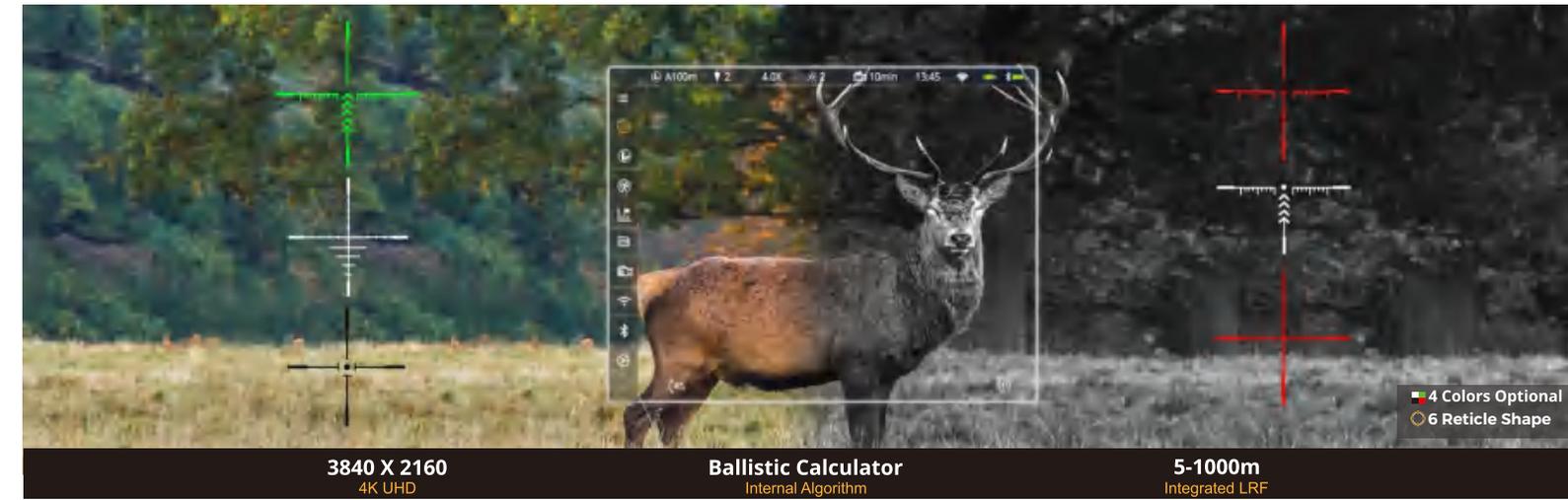There is a research and development team consisting of many energetic engineers.
All the members have professional knowledge and rich operational experience in the fields of high-definition digital optoelectronic and infrared night vision and thermal imaging. Based on the actual situation of market feedback, Ten Rings continuously improves product quality to meet the needs of market and technology in the process of development.

NV700LRF-4K
Hunting First Choice

Digital Day & Night Riflescope

The NV700LRF-4K, is equipped with a 4K CMOS sensor, offering stunning ultra-high-definition views with a 4.5x basal magnification and a 5x digital zoom. It features an integrated 1000m infrared laser rangefinder and a ballistic calculator, ensuring precise targeting and superior accuracy. Perfect for day and night use, the NV700LRF-4K redefines clarity and precision in the field.

Playback | Ballistic Calculator | Zeroing Options | Reticle Options | IP67

3 Levels of IR Brightness | WiFi Connection | Recoil Resistance | PIP

Features:

- 4.5-22.5x(5x digital zoom) image magnification
- Ultra HD 4K sensor(3840 × 2160) with 0.001 lux sensitivity
- The farthest observation distance max-up to 500 meters in a completely dark environment
- With infrared laser ranging function, the longest distance can reach 1000m
- IP67 Waterproof & 6500J Recoil Resistance
- Built-in IR-CUT two-color filter
- Support ballistic calculator —configure parameters via the TenRings Shots APP for precision shooting
- Auto and Loop Video Recording; Audio Recording
- Playback
- Switch between 24 reticle options (6 types & 4 colors) to match any scenario
- Eyepiece Diopter adjustment to enable users with different eyesight to clearly see the text icons on the display
- Built -in WiFi, can be controlled remotely by the mobile phone (TenRings Shots APP)
- Supports max up to 128G external TF card

4 Colors Optional
6 Reticle Shape

3840 X 2160	Ballistic Calculator	5-1000m
4K UHD	Internal Algorithm	Integrated LRF

Technical Specifications

Model	NV700LRF-4K
Sensor(px, lux)	3840×2160, 0.001
Objective Lens(mm)	50
Magnification(x)	4.5-22.5x(5x zoom)
Display	0.39''OLED, 1024x768
Field of View(H*V)	8.7°×4.9°
Battery Type	Built-in one piece 21700 battery and one replaceable 18650 battery, ≤ 8h
Eye Relief(mm)	60
IR Illuminator(nm)	850&940（External Flashlight)
LRF Range(m)	5-1000
Operating Temperature(℃)	−25-50
Dimensions(mm)	443.5*90.2*77(Including the length of the rubber eyepiece）

4K

NV500LRF-4K

Stand-alone

Digital Day & Night Vision Scope

NV500LRF-4K features a superb 4K sensor, providing UHD clarity for day and night vision. Coupled with an advanced ballistic calculator, it enhances shooting accuracy by considering bullet initial velocity, weight, shooting angles, humidity, wind speed, barometric pressure and altitude, etc. This comprehensive calculation ensures precise targeting in any shooting scenario, making the NV500LRF-4K, the perfect choice for hunting seeking unparalleled precision and clarity.

Silent Button | Ballistic Calculator | Reticle Shape | Laser Range:1000m | IP67 | 3 Levels of IR Brightness

Playback | PIP | WiFi Connection | Recoil Resistance | Record | Dual Switchable IR

DAY | NIGHT

Features:

- [5-25x optional](5x digital zoom) image magnification
- Ultra HD 4K sensor(3840 × 2160) with 0.001 lux sensitivity
- The farthest observation distance max-up to 300 meters in a completely dark environment
- With infrared laser ranging function, the longest distance can reach 1000m
- IP67 Waterproof & 6500J Recoil Resistance
- Built-in IR-CUT two-color filter
- Built-in high-brightness, low-power, dimmable laser infrared light with dual-wavelength switching (850nm&940nm)
- Support ballistic calculator—configure parameters via the TenRings Shots APP for precision shooting
- Auto and Loop Video Recording; Audio Recording
- Playback
- Picture-in-picture enhancement: 2x, 4x, 6x
- Built-in WiFi, can be controlled remotely by the mobile phone (TenRings Shots APP)

Zoom (+) or (-)/Black & White or Color Mode Switch/Downward

IR Illuminator/WiFi Switch/Upward;

OK button /Video

Leftward

Eyepiece lens focusing rotation ring

Menu/Photo/Rightward

Objective lens focusing rotation ring

Battery holder

Eyepiece lens, to observe the imaging on the OLED screen

Power button, power on / off the device

Laser range finder, to measure the distance from the target

Dual-IR (850/940nm) switch knob

IR Illuminator for night observation and make the image clearer

Technical Specifications

Model	NV500LRF-4K
Sensor(px, lux)	3840 × 2160, 0.001
Objective Lens(mm)	50
Magnification(x)	5-25(5x zoom)
Display	0.39"OLED, 1024x768
Field of View(H*V)	8.2°x 6.2°
Battery Type	Powered by one replaceable 18650 battery, ≤ 5h(IR off)
Eye Relief(mm)	50
IR Illuminator(m, nm)	850&940
LRF Range(m)	5-1000
Operating Temperature(℃)	−25~50
Dimensions(mm)	204.2*101*60.2

NV500-4K
Stand-alone
Digital Day & Night Vision Scope

NV500-4K series are designed with a 5-25x(5x) digital rifle scope with 4K ultra-HD resolution, delivering exceptional clarity and detail for precision targeting. The novel structure patent design greatly improves the observation effect and observation experience, and the built-in infrared color filter greatly improves the observation effect of the equipment during the day, reduces the overexposure under natural light during the day, and restores more realistically.

CE FC UK CA RoHS

ENJOY WIRELESS TRANSMISSION VIA WiFi CONNECTION

The built-in WiFi module allows users to record and share videos, and comes with a Type-c interface for external power supply and data copying at the same time.
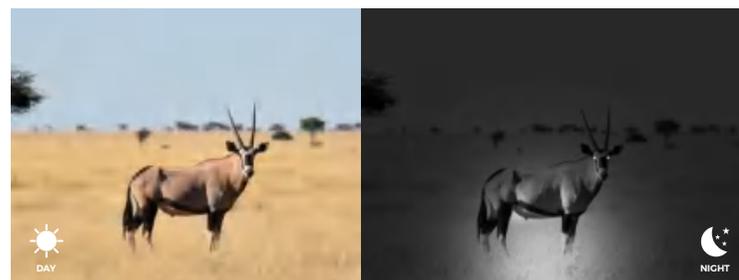
TenRings Shots APP

Android   Download on the App Store

Playback	Silent Button	Reticle Shape	IP67	3 Levels of IR Brightness
PIP	WiFi Connection	Recoil Resistance	Record	Dual Switchable IR

DAY   NIGHT

Features:

- [5-25x optional](5x digital zoom) image magnification
- Ultra HD 4K sensor(3840 × 2160) with 0.001 lux sensitivity
- The farthest observation distance max-up to 300 meters in a completely dark environment
- IP67 Waterproof & 6500J Recoil Resistance
- Built-in IR-CUT two-color filter
- Built-in high-brightness, low-power, dimmable laser infrared light with dual-wavelength switching (850nm&940nm)
- Auto and Loop Video Recording; Audio Recording
- Playback
- Picture-in-picture: 2x, 4x, 6x
- Using advanced photosensitive processing technology which can automatically switch between day mode and night mode according to the light intensity
- Built-in WiFi, can be controlled remotely by the mobile phone (TenRings Shots APP)
- Supports max up to 128G external TF card

Technical Specifications

Model	NV500-4K
Sensor(px, lux)	3840 × 2160, 0.001
Objective Lens(mm)	50
Magnification(x)	5~25(5x zoom)
Display	0.39"OLED, 1024x768
Field of View(H*V)	8.2°x 6.2°
Battery Type	Powered by one replaceable 18650 battery, ≤ 5h(IR off)
Eye Relief(mm)	50
IR Illuminator(m, nm)	850&940
LRF Range(m)	5-1000
Operating Temperature(℃)	−25~50
Dimensions(mm)	204.2*101*58.2

NV200LRF-4K

Rear clip-on

Digital Day & Night Vision Scope

The NV200LRF-4K represents a breakthrough in traditional night vision technology. This rear-mounted clip-on system seamlessly attaches to existing optics via adapter, preserving your scope's zero while adding 4K ultra-HD digital night vision capabilities. The advanced 4K sensor delivers exceptional image clarity with true-to-life color reproduction even in low-light conditions. The high refresh rate design enables users to observe fast-moving target.

Silent Button | Quick Assembly | PIP | Laser Range:1000m | IP67 | Dual Switchable IR

Playback | WiFi Connection | Recoil Resistance | Record | 3 Levels of IR Brightness

Features:

- 2-10x (5x digital zoom) image magnification
- Ultra HD 4K sensor(3840 × 2160) with 0.001 lux sensitivity
- The farthest observation distance max up to 300 meters in a completely dark environment
- With infrared laser ranging function, the farthest distance can reach up to 1000m
- IP67 Waterproof & 6500J Recoil Resistance
- Built-in IR-CUT two-color filter
- Built-in high-brightness, low-power, dimmable laser infrared light with dual-wavelength switching (850nm&940nm)
- Auto and Loop Video Recording; Audio Recording
- Playback
- Eyepiece Diopter adjustment to enable users with different eyesight to clearly see the text icons on the display
- Built-in WiFi, can be controlled remotely by the mobile phone (TenRings Shots APP)
- Supports max up to 128G external TF card

Normal Night Vision
General effect, blurred

DYNAMIC CMOS SENSOR

Dynamic CMOS sensor
Bright and clear

This series of devices boasts exceptional day and night observation capabilities thanks to its low illumination feature, dynamic Sony CMOS sensor, and external infrared Illuminator.
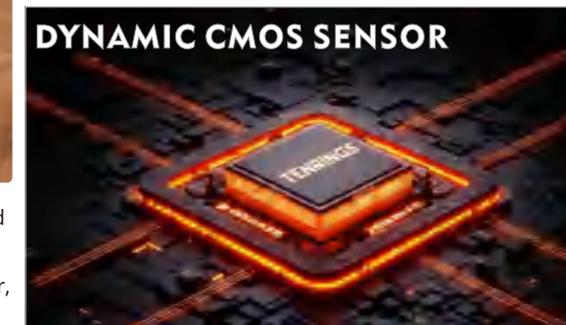
The built-in infrared color filter improves the equipment's observation effect during the day, reducing overexposure caused by natural light and providing more realistic imagery.

Technical Specifications

Model	NV200LRF-4K
Sensor(px, lux)	3840 × 2160, 0.001
Objective Lens(mm)	16mm(fixed focus)
Magnification(x)	2~10 (5x zoom)
Display	0.39"OLED, 1024x768
Field of View(H*V)	22°x 16°
Battery Type	Powered by one replaceable 18650 battery, ≤ 5h(IR off)
Eye Relief(mm)	50
IR Illuminator(m, nm)	850&940
LRF Range(m)	5-1000
Operating Temperature(℃)	−25~50
Dimensions(mm)	150*81.5*110

NV200-4K
Rear clip-on
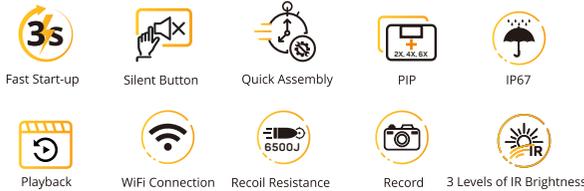
Digital Day & Night Vision Scope

The NV200-4K is a powerful rear clip-on night vision device designed for the serious hunter. Engineered to extend your capabilities from dusk till dawn, it features a superior Sony 4K sensor and a built-in IR illuminator to deliver crystal-clear images in any light condition. The exclusive dual-band IR smart switch allows you to instantly adapt to the field: use 850nm for maximum illumination coverage or switch to 940nm for completely undetected observation, ensuring wildlife remains unaware of your presence.

4K

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3s Fast Start-up

Silent Button

Quick Assembly

PIP

IP67

Playback

WiFi Connection

6500J Recoil Resistance

Record

3 Levels of IR Brightness

DAY

NIGHT

Features:

- 2-10x (5x digital zoom) image magnification
- 4K Sensor (3840×2160@60fps) with 0.001 lux sensitivity
- The farthest observation distance max up to 300 meters in a completely dark environment
- IP67 Waterproof & 6500J Recoil Resistance
- Built-in IR-CUT two-color filter
- Built-in high-brightness, low-power dimmable laser infrared light. It can seamlessly toggle between 850nm and 940nm.
- Auto and Loop Video Recording; Audio Recording
- Playback function
- Eyepiece Diopter adjustment to enable users with different eyesight to clearly see the text icons on the display screen
- Built-in WiFi, can be controlled remotely by the mobile phone (TenRings Shots APP)
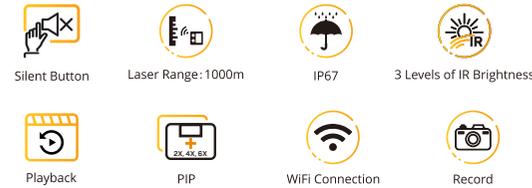- Supports max up to 128G external TF card

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Picatinny rails, used for the installation of another IR flashlight

Upward / IR illuminator / WiFi switch

Video / Leftward

OK button, confirm selection

Downward / Zoom (+) or Zoom (-) / Black & White or Color mode Switch

Dual-IR (850/940nm) switch knob

Menu / Photo / Rightward

Power button, power on/off the device

Objective lens focusing rotation ring

TF card slot / HDMI interface/ Type-C power & data Interface

Eyepiece lens focusing rotation ring

Technical Specifications

Model	NV200-4K
Sensor(px, lux)	3840 × 2160, 0.001
Objective Lens(mm)	16mm(fixed focus)
Magnification(x)	2~10 (5x zoom)
Display	0.39"OLED, 1024x768
Field of View(H*V)	22˚x 16˚
Battery Type	Powered by one replaceable 18650 battery, ≤ 5h(IR off)
Eye Relief(mm)	50
IR Illuminator(nm)	850&940
Operating Temperature(℃)	−25~50
Dimensions(mm)	150*81.2*110

850NM & 940NM SWITCHABLE

NV100LRF-4K
Front Clip-on

Digital Day & Night Vision Scope

The NV100LRF-4K features a 0.39" OLED display and 4K ultra HD sensor, it delivers sharp imaging even in extreme low-light conditions (0.001lux sensitivity), while the 1-5x digital zoom allows for detailed target acquisition. The built-in dual-band IR illuminator (850nm & 940nm, switchable) ensures clear vision up to 350 meters in total darkness, making it ideal for tracking game or conducting covert surveillance. Its quick attach and detach design for effortless setup. The built-in WiFi functionality allows users to connect to the app via smartphones or tablets, improving interactivity. Suitable for outdoor adventures, hunting, etc.

Silent Button | Laser Range : 1000m | IP67 | 3 Levels of IR Brightness

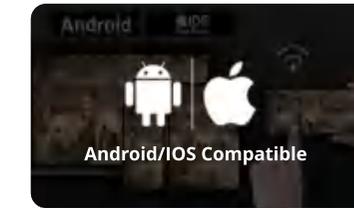Playback | PIP | WiFi Connection | Record

DAY | NIGHT

Features:

- 1-5x digital zoom
- Ultra HD 4K sensor(3840 × 2160) with 0.001 lux sensitivity
- The farthest observation distance max-up to 350 meters in a completely dark environment
- With infrared laser ranging function, the longest distance can reach up to 1000m
- IP67 Waterproof & 6500J Recoil Resistance
- Built-in IR-CUT two-color filter
- Built-in high-brightness, low-power dimmable laser infrared light (850nm & 940nm, switchable)
- Auto and Loop Video Recording; Audio Recording
- Playback
- Using advanced photosensitive processing technology which can automatically switch between day mode and night mode according to the light intensity
- Built-in WiFi, can be controlled remotely by the mobile phone (TenRings Shots APP)
- Supports max up to 128G external TF card

0.39 OLED Display

Provides deep blacks and high contrast for better viewing
Low Power Consumption——Saves energy and extends battery life

Android/IOS Compatible

HD Night Vision

Lithium-ion Battery Long Battery Life | IR-CUT Dual Color Filter

Sony Dynamic CMOS Sensor

Technical Specifications

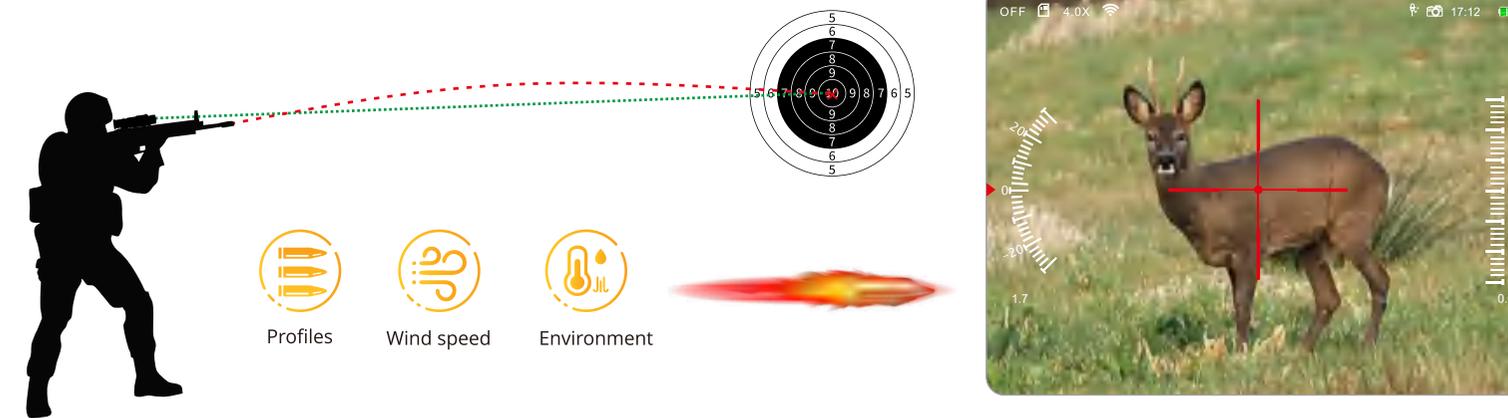| Model	NV100LRF-4K
Sensor(px, lux)	3840×2160, 0.001
Objective Lens(mm)	35
Magnification(x)	1-5x digital zoom
Focal Length	35mm , manual focus
Display	0.39''OLED, 1024x768
Field of View(H*V)	10.8˚× 9.6˚
Battery Type	Powered by one 18650 replaceable batteries, ≤ 5h(IR off)
IR Illuminator(nm)	850 & 940
LRF Range(m)	5-1000
Operating Temperature(℃)	−25~50
Dimensions(mm)	237.8*82.5*83, 380

TR-IR-LRF NV501
Stand-alone

Digital Day & Night Vision Scope

TR-IR-LRF NV501 series are designed with a 3.5-17.5x/5-25x(5x) digital rifle scope. It has advanced fast start-up performance, fast imaging in 3 seconds after booting, which significantly improves the user's quick response ability. Equipped with a detachable 905nm infrared rangefinder module, ensuring accurate testing of the target distance. The built-in WiFi module allows users to record and share videos, and it comes with a Type-C interface for external power supply and data copying at the same time.

CE FC UK CA RoHS

| 3s Fast Start-up | Silent Button | BC Ballistic Calculator | 6 Reticle Shape | Laser Range:1000m | IP67 |
| Playback | PIP 2X,4X,6X | WiFi Connection | 6500J Recoil Resistance | Record | 3 Levels of IR Brightness |

DAY   NIGHT

Features:

- [3.5-17.5x/ 5-25x optional](5x digital zoom) image magnification
- Objective lens: 35/50mm(optional)
- Full HD Sensor(1920x1080P)with 0.001 lux sensitivity
- The farthest observation distance max-up to 300 meters in a completely dark environment
- With infrared laser ranging function, the longest distance can reach up to 1000m
- IP67 Waterproof & 6500J Recoil Resistance
- Built-in IR-CUT two-color filter
- Built-in high-brightness, low-power dimmable laser infrared light (850nm/940nm, optional)
- Support ballistic calculator —configure parameters via the TenRings Shots APP for precision shooting
- Auto and Loop Video Recording; Audio Recording
- Playback
- Picture-in-picture: 2x, 4x, 6x
- Built-in WiFi, can be controlled remotely by the mobile phone (TenRings Shots APP)

BALLISTIC CALCULATOR

Profiles   Wind speed   Environment

Technical Specifications

Model	TR-IR-LRF NV501
Sensor(px, lux)	1920×1080, 0.001
Objective Lens(mm)	35/50
Magnification(x)	3.5~17.5 / 5~25(5x zoom)
Display	0.39"OLED, 1024x768
Field of View(H*V)	10.7˚x 8.0˚/8.2˚x 6.2˚
Battery Type	Powered by one replaceable 18650 battery, ≤ 8h(IR off)
Eye Relief(mm)	50
IR Illuminator(nm)	850/940
LRF Range(m)	5-1000
Operating Temperature(℃)	−25~50
Dimensions(mm)	201*95.8*57

TR-IR NV500 Stand-alone

Digital Day & Night Vision Scope

TR-IR NV500 is designed with a 3.5-17.5x/5-25x(5x) digital rifle scope, it has advanced fast start-up performance, fast imaging in 3 seconds after booting, which significantly improves the user's quick response ability. The novel structure patent design greatly improves the observation effect and observation experience, and the built-in infrared color filter greatly improves the observation effect of the equipment during the day, reduces the overexposure under natural light during the day, and restores more realistically.

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Icons

3s Fast Start-up	Silent Button	**6** Reticle Shape	IP67	3 Levels of IR Brightness
Playback	PIP	WiFi Connection	Recoil Resistance	Record

DAY NIGHT

Features:

- [3.5-17.5x/ 5-25x optional](5x digital zoom) image magnification
- Objective lens: 35/50mm(optional)
- Full HD Sensor(1920x1080P)with 0.001 lux sensitivity
- The farthest observation distance max-up to 300 meters in a completely dark environment
- IP67 Waterproof & 6500J Recoil Resistance
- Built-in IR-CUT two-color filter
- Built-in high-brightness, low-power dimmable laser infrared light (850nm/940nm, optional)
- Auto and Loop Video Recording; Audio Recording
- Playback
- Picture-in-picture: 2x, 4x, 6x
- Using advanced photosensitive processing technology which can automatically switch between day mode and night mode according to the light intensity
- Built-in WiFi, can be controlled remotely by the mobile phone (TenRings Shots APP)
- Supports max up to 128G external TF card

Labeled diagram

- Zoom (+) or (-)/Black & White or Color Mode Switch/Downward
- IR Illuminator/WiFi Switch/Upward;
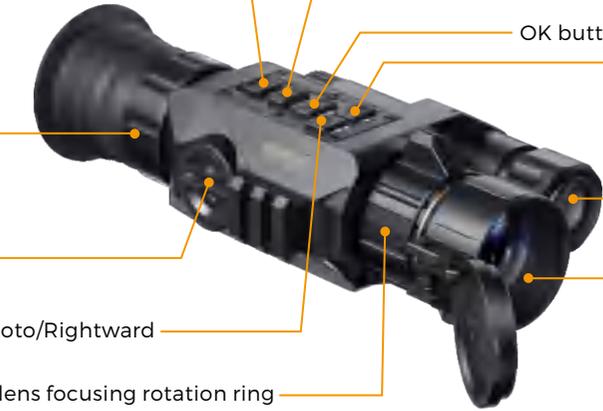- OK button /Video
- Leftward
- Diopter adjustment ring
- IR Illuminator for observation at night to make the image clearer
- TF card slot / HDMI interface/ Type-C power & data interface
- Eyepiece lens, to observe the imaging on the OLED screen
- Menu/Photo/Rightward
- Objective lens focusing rotation ring

Technical Specifications

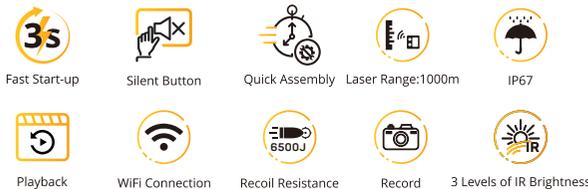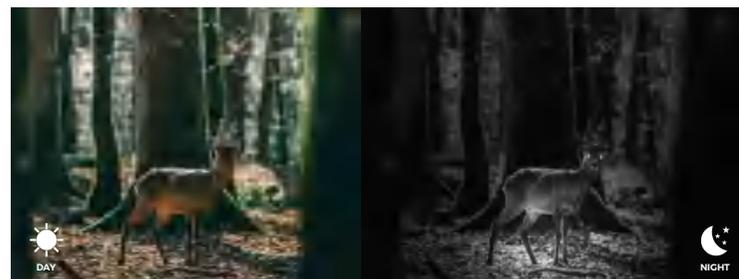| Model	TR-IR NV500
Sensor(px, lux)	1920×1080, 0.001
Objective Lens(mm)	35/50
Magnification(x)	3.5~17.5 / 5~25(5x zoom)
Display	0.39"OLED, 1024x768
Field of View(H*V)	10.7˚x 8.0˚/8.2˚x 6.2˚
Battery Type	Powered by one replaceable 18650 battery, ≤ 8h(IR off)
Eye Relief(mm)	50
IR Illuminator(nm)	850/940
LRF Range(m)	5-1000
Operating Temperature(℃)	−25~50
Dimensions(mm)	201*92.3*53.2

TR-IR-LRF NV201
Rear clip-on
Digital Day & Night Vision Scope

TR-IR-LRF NV201 is a rear clip-on model that uses a adapter to fix with optics scope, equipped with a detachable 905nm infrared rangefinder module, ensuring accurate testing of the target distance. The built-in WiFi module allows users to record and share videos, and it comes with a Type-C interface for external power supply and data copying at the same time. And it can be clipped on sniper scope to complete night hunting.

CE FC UKCA RoHS

3s Fast Start-up	Silent Button	Quick Assembly	Laser Range:1000m	IP67
Playback	WiFi Connection	6500J Recoil Resistance	Record	3 Levels of IR Brightness

DAY   NIGHT

Features:

- 2-10x (5x digital zoom) image magnification
- Full HD Sensor(1920x1080P)with 0.001 lux sensitivity
- The farthest observation distance max up to 300 meters in a completely dark environment
- With infrared laser ranging function, the farthest distance can reach up to 1000m
- IP67 Waterproof & 6500J Recoil Resistance
- Built-in IR-CUT two-color filter
- Built-in high-brightness, low-power dimmable laser infrared light (850nm/940nm, optional)
- Auto and Loop Video Recording; Audio Recording
- Playback
- Eyepiece Diopter adjustment to enable users with different eyesight to clearly see the text icons on the display
- Built-in WiFi, can be controlled remotely by the mobile phone (TenRings Shots APP)
- Supports max up to 128G external TF card

Technical Specifications

Model	TR-IR-LRE NV201
Sensor(px, lux)	1920×1080, 0.001
Objective Lens(mm)	16mm(fixed focus)
Magnification(x)	2~10 (5x zoom)
Display	0.39"OLED, 1024x768
Field of View(H*V)	22°x 16°
Battery Type	Powered by one replaceable 18650 battery, ≤ 8h(IR off)
Eye Relief(mm)	50
IR Illuminator(nm)	850/940
LRF Range(m)	5-1000
Operating Temperature(℃)	−25~50
Dimensions(mm)	148.8*80.8*108.5

TR-IR NV200
Rear clip-on

Digital Day & Night Vision Scope

TR-IR NV200 adopts low illumination at night, Sony dynamic CMOS sensor, external IR illuminator, you can obtain excellent observation results both day and night. The novel structure patent design greatly improves the observation effect and observation experience, and the built-in infrared color filter greatly improves the observation effect of the equipment during the day, reduces the overexposure under natural light during the day, and restores more realistically.

CE FC UK CA RoHS

Fast Start-up

Silent Button

Quick Assembly

PIP

IP67

Playback

WiFi Connection

Recoil Resistance

Record

3 Levels of IR Brightness

DAY NIGHT

Features:

- 2-10x (5x digital zoom) image magnification
- Full HD Sensor(1920x1080P)with 0.001 lux sensitivity
- The farthest observation distance max up to 300 meters in a completely dark environment
- IP67 Waterproof & 6500J Recoil Resistance
- Built-in IR-CUT two-color filter
- Built-in high-brightness, low-power dimmable laser infrared light (850nm/940nm, optional)
- Auto and Loop Video Recording; Audio Recording
- Playback
- Built-in WiFi, can be controlled remotely by the mobile phone (TenRings Shots APP)
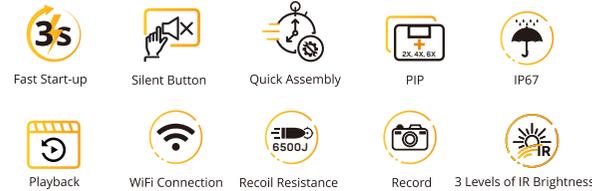- Supports max up to 128G external TF card

Picatinny rails, used for the installation of another IR flashlight

Upward / IR illuminator / WiFi switch

Video / Leftward

OK button, confirm selection

Downward / Zoom (+) or Zoom (-) / Black & White or Color mode Switch

IR Illuminator for night observation and make the image clearer

Menu / Photo / Rightward

Power button, power on/off the device

Objective lens focusing rotation ring

TF card slot / HDMI interface/ Type-C power & data Interface

Eyepiece lens focusing rotation ring

Technical Specifications

| Model	TR-IR NV200
Sensor(px, lux)	1920×1080, 0.001
Objective Lens(mm)	16mm(fixed focus)
Magnification(x)	2~10 (5x zoom)
Display	0.39"OLED, 1024x768
Field of View(H*V)	22°x 16°
Battery Type	Powered by one replaceable 18650 battery, ≤ 8h(IR off)
Eye Relief(mm)	50
IR Illuminator(nm)	850/940
LRF Range(m)	5-1000
Operating Temperature(℃)	−25~50
Dimensions(mm)	135.2*80.8*108.5

FL002
IR Flashlight

IR Flashlight Night Vision Accessory

FL002 Flashlight is equipped with a VCSEL emitter and operates at wavelengths of 850nm, 940nm(optional), featuring 3 adjustable levels to enhance night vision in low-light or completely dark environments. Its highly compatible design allows it to be used independently or ideally paired with Ten Rings night vision devices. Providing wide-ranging illumination and clear long-distance images, it is an ideal companion for hunters, outdoor adventurers, and others engaged in highly night activities.

CE FC UK CA RoHS

Product Model		FL002
IR Parameters	Emitter	VCSEL
	IR Walvelength(nm)	850 & 940
	IR Distance(m)	≤500
Power Supply	Voltage Range(V)	3.5-4.2
	Battery Type(mAh)	Powered by one replaceable 18650 battery
	Power Consumption	2W/3W/5W(Three levels)
	Battery Operating Time(h)	IR1 ≤ 6h, IR2 ≤ 3h, IR3 ≤ 2h
Mechanical Properties	Dimensions(L*W*H, mm)	139.8*35*42.4
	Material	Aluminium Alloy
	Net Weight(g)	≈120(without battery)
	Mounting	With Picatinny Rails
Working Environment	Operating Temperature(℃)	-20℃~50℃

Weight 120g   IP67

6500J
Recoil Resistance   3 Levels of IR Brightness
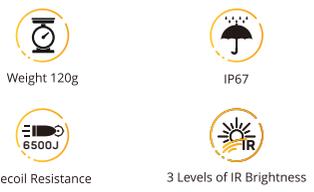
Features:

- Adjustable Output: 2W/3W/5W power modes (350m max range in total darkness)
- 3-mode control (IR1/IR2/IR3) with runtime up to 6h/3h/2h
- Powered by one 18650 battery
- IP67 Waterproof & 6500J Recoil force
- Works with Ten Rings Night Vision Scopes
- Optional IR Wavelength—850nm/940nm
- Material: Aluminum Alloy

TenRings Shots APP

OTA Upgrade	Ballistic Calculation	Photo/Video/Audio Recording	Laser Rangefinder	Wireless File Management

Rapid connection
Connect phone to device via WiFi
Enjoy rocket speed.

Capture the moments
Easily control your device to record or take photos

File Management
Preview, edit, download. Embrace worry-free administration

APP Store   Google Play