

DR series

Digital Day & Night
Vision Scope

Full-Screen Vision, See Beyond the Dark



Introduction

The DR Series is a powerful and professional day and night vision scope with outstanding night vision capability, featuring an excellent 1920×1080@4μm CMOS sensor with a 35mm lens to create a large field of view of 12.5°×7.06° while the 1920×1080 full HD OLED display ensures your viewing experience. The 18650 Li-ion battery lasts up to 6 hours max depending on usage, ever worry about insufficient power during a hunting trip. Elevate your vision with the DR Series!



Features and Benefits

- 1920×1080@4μm CMOS sensor with a 35mm lens
- 1920×1080 full HD OLED display for a better viewing experience
- The 18650 Li-ion rechargeable battery lasts up to 6 hours max
- Screen freeze for quick and easy zeroing
- Screen recording to record the whole operation process for sharing
- OTA firmware upgrade by connecting to TargetIR APP
- IP67 encapsulation, rugged and durable

Applications

- Outdoor observing
- Law Enforcement
- Night Hunting
- Wild Adventure

Specifications

Product model	DR30
Sensor	
Sensor type	CMOS
Resolution	1920×1080@4μm
Frame rate	50Hz
Lens	
Focal length	35mm F1.2
Field of view	12.52°x7.06°
Optical zoom	2.175x
Digital zoom	1x~8x
Focus	Manual
Display	
Display type	0.39" OLED
Resolution	1920×1080@4.5um, FHD
Eyepiece	Eye relief≥48 mm
Video output	Analog video
Power	
Battery type	Single, replaceable 18650 battery
Battery life	6 hours
Interface	
USB	USB Type-C
Mechanical interface	Picatinny
Functions	
Recording function	Photo/Video
WIFI	Transmission of real-time video via WIFI for remote control in the 2.4G frequency band and within 15 meters
Scene modes	Day, Night and Low-light Modes
IR illuminator	850 nm / 940 nm (Alternative)
System	
Language settings	English, Russian, German, French, Chinese, Italian, Spanish, Japanese, Korean, Polish
Memory capacity	32 GB
Environmental	
Operating temperature range	-30°C to 50°C
Storage temperature range	-40°C to 70°C
Humidity	10 % to 95 % non-condensing
Shock	800G/1ms semi-sinoidal IEC60068-2-27
Encapsulation	IP67
Certification	CE, FCC, EAC, RoHS
Detection range	
Detection range	500 (with IR 850 nm) / 450 (with IR 940 nm)
Physical	
Weight	≤565 g (without eye mask and battery)
Size	≤218×66×88 mm (without eye mask)
Standard	Device, lens cover, eye mask, 5V2A adapter (US, Britain, Australia and Europe), 18650 battery, Battery charger, USB Type-C cable, IR illuminator, IR illuminator bracket, quick start guide
Optional	Battery, Laser rangefinder, Bluetooth controller