


Model	 DP19/6×24WRG
Detector Specifications	
Type	Vox
Resolution, pixels	256×192
Pixel Size, μm	12
NETD, mK	≤ 40
Frame Rate, Hz	50
Optical Specifications (IR Channel)	
Objective Lens, mm	19
Field of View (H×V), °	9×6.7
Linear Field of View (H×V), m (at 100m)	15×12
Magnification, ×	2~8
Detection Range, m (Target size: 1.7m×0.5m, P(n)=99%)	980
Optical Specifications (Glass Day Channel)	
Magnification, ×	6
Objective Lens Diameter, mm	24
Field of View, °	7
Eye Relief, mm	25
Exit Pupil Diameter, mm	4
Diopter, D	-4 ~ +4
Display Specifications	
Type	AMOLED
Resolution, pixels	1920×1080
Color	Green
Battery Power Supply	
Battery, mAh	3600
Max. Operating Time (22 C)*, h	8
External Power Supply	5V (USB C)
Physical Specifications	
Wi-Fi/APP	Support
Photo/Video Recorder	Support
Memory Capacity, GB	16
IP Rating	IP67
Operating Temperature, °C	-20 ~ +55
Weight, g	460
Dimension, mm	135×46×93
Body Material	Magnesium Alloy
Functions	
Laser Rangefinder	Yes
Measuring Range, m	1500
Measuring Angle, °	±60
Wavelength, nm	905



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Infiray
THERMAL+



Thermal+ Dual Series

DP19/6×24WRG

Dual DP19/6×24WRG is the first monocular of Thermal+, which means one device has combined the functions of 3 products—daytime monocular, laser rangefinder and thermal monocular to ensure all-weather use from day to night. Dual's unique target highlighting mode could easily distinguish the target camouflaged in the background, accurately capture the target while retaining the real visual perception. Start your 3-in-1 adventure now and feel the extraordinary experience brought by Thermal+ Dual!



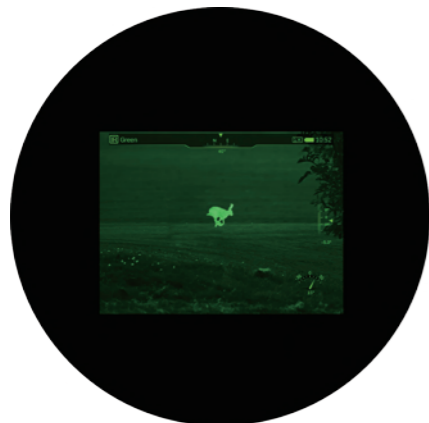
Three in One

Optical fusion technology is adopted to realize the fusion of daylight, laser and infrared in one device. Functions of daytime monocular, laser rangefinder and thermal monocular are all available, reducing the units and weight of equipment carried by users. Go out without burden!

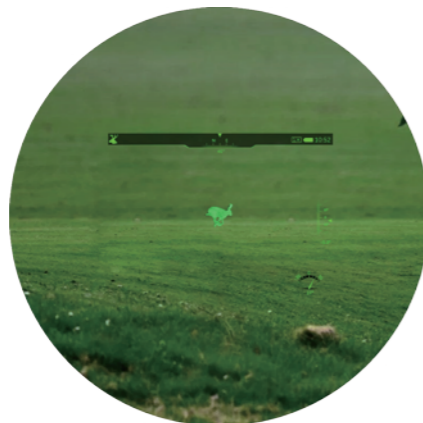


Multiple Use Modes

Dual DP19/6×24WRG can quickly switch between thermal mode, target highlight mode and direct-view mode. When the target is camouflaged in the background environment, the target highlight mode can help the user to accurately distinguish the target from the background and facilitate target capture.



Thermal Mode



Target Highlight Mode



Direct-view Mode

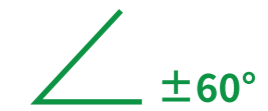
Awesome User Experience

Dual is comfortable to hold and is designed based on ergonomics, and the button layout is reasonable enough for one-hand operation.

Its appearance is made of magnesium alloy, the whole unit is compact, lightweight and convenient to carry, bringing an unusual experience.



Powerful Rangefinder with Measurable Angle



A laser rangefinder is integrated into the Dual, ranging can be carried out in each mode, or even at night.

Dual features multiple ranging functions such as single ranging and continuous ranging, the ranging scope is up to 1500m (accuracy is $\pm 1m$).

Dual also supports angle display during ranging. The measurable angle is $\pm 60^\circ$ (accuracy is $\pm 1^\circ$).

There are up to 9 laser selections and 2 laser colors to choose.



Remarkable Optical Performance

Using a new optical fusion design and lens coating technology, Dual can achieve high-definition and color reproduction to the greatest extent. The observation effect is close to the effect of the naked eye, without fatigue for a long use-time.