

THERMAL IMAGING RIFLESCOPE HD SERIES

iAiming



Precision Redefined, The Edge You Need

FIRST SHOT AUTO ZERO

HIGH THERMAL SENSITIVITY AND HD DISPLAY

The upgraded thermal Imaging sensor NETD \leq 20mK captures the smallest details in all kinds of complicated whether conditions. The high resolution **2560x2560** display ensures reliable performance across a range conditions , making it an indispensable tool for observation use.

NETD \leq 20mK



WI-FI CONNECTION



Support Wi-Fi connection for mobile devices, APP can realize screen sharing, real-time control, video and image recording and shooting, firmware update and upgrade, live social platform and other multi-application needs.



LASER RANGFINDER

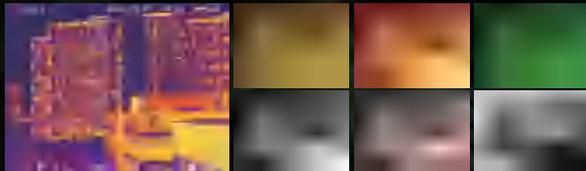
LRF Range

1500m



MULTIPLE COLOR PALETTES

7 color palettes are optional for different user's demand



Datasheet

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Model Number	HD 650 LRF	HD 1260 LRF
Sensor Type	VO x Uncooled	VO x Uncooled
Sensor Resolution	640x512	1280x1024
Pixel Pitch	12µm	12µm
NETD	≤20mk	≤20mk
Frame Frequency	50Hz	50Hz
Objective Lens	50mm/f1.0	60mm/f1.0
Angle of View	8.8°×7.0°	14.6°×11.7°
Digital Zoom	1X-8X	1X-8X
Detection Distance(1.8mx0.5m)	2600m	3000m
Measurement range of LRF	1200m	1500m
Waveform Length of LRF	905nm	905nm
Measurement Accuracy	±1m	±1m
Display Type	AMOLED	AMOLED
Resolution of Display	2560*2560	2560*2560
Palette	White Hot/Black Hot/Ironbow/Glowbow/ Sepia/Red Hot/Green Hot	White Hot/Black Hot/Ironbow/Glowbow/ Sepia/Red Hot/Green Hot
Built-in Memory	64GB	64GB
Battery	16340x4/18350x4	16340x4/18350x4
Working time (WIFI OFF)	4.5hrs/6hrs	3.5hrs/5hrs
Weight (Without battery)	930g	1016g
Dimension	290mmx87mmx73mm	300mmx87mmx73mm
Protection	IP67	IP67
Working temperature	-20°C to +50°C	-20°C to +50°C
Storage temperature	-40°C to +60°C	-40°C to +60°C
Shock resistance	900G	900G



IP 67 PROTECTION

The product provided with IP67 level waterproof performance, it is protected from heavy rainfall, snow, smoke, fog or dust.

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