

Model		D12	D6
Sensor Specifications	Type	VOx Uncooled	
	Resolution, pixels	1280 x 1024	640 x 512
	Pixel Pitch, μm	12	
	NETD, mK	≤ 15	≤ 20
	Frame Rate, Hz	50	60
Optical Specifications	Objective Lens, mm	75 F1.0	60 F1.0
	Magnification, x	3	
	Field of View, degrees	11.7° x 9.3°	7.3° x 5.8°
	Digital Zoom, x	3 to 20, stepped	3 to 18, stepped
	Eye Relief, mm	60	
	Dioptr Adjustment, D	-5 to +5	-5 to +2
	Detection Range, yd	4260	3280
Display Specifications	Type	OLED	
	Resolution, pixels	2560 x 2560	
LRF Specifications	Type, nm	905	
	Max Range, yd	1312	
Wi-Fi	Wireless Protocol	Wi-Fi	
	Frequency, GHz	2.4	
Video Recorder	Video / Photo Resolution, pixels	1280 x 1280	
	Video / Photo Format	.mp4/.bmp	
	Built-in Memory, GB	64	
Physical Specifications	Degree of Protection, IP code	IP67	
	Operating Temperature Range, °F	-4 to +122	
	Weight, lb	3.47	2.9
	Dimensions, inch	10.3 x 3 x 4.2	10.3 x 3.3 x 3.8
Connections and Compatibilities	Battery Type	18650 x 2	
	Capacity, mAh	3800	
	Operating timeat (at t=72°F), h	7	8
	External power supply, V	/	5 (Type C USB)
	Max.recoil, g/Joules	1000 / 6000	
Ballistic calculation	Yes		

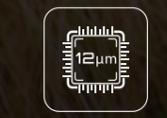
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DBH
D12/D6

**DESIGNED BY HUNTERS
FOR HUNTERS**



1280x1024
THERMAL SENSOR



Built-IN
LRF & LASER
POINTER



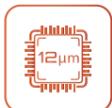
1.03" OLED
DISPLAY



ROTATING
ZOOM LEVER

www.rixoptics.com

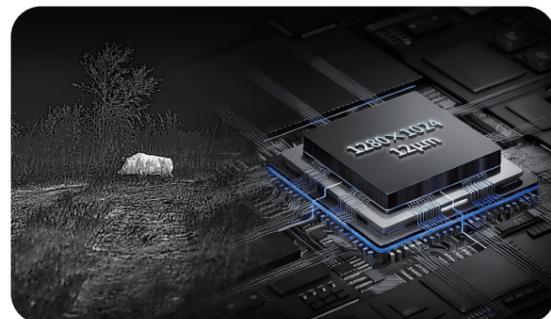




HIGH PERFORMANCE SENSOR

The DBH D12 is equipped with a 1280×1024, 12µm sensor boasting NETD ≤ 15mK and 50Hz refresh rate, ensuring hunters always get clearer and smoother images.

The DBH D6 features a 640×512 sensor, NETD ≤ 20mK.



ULTRA-CLEAR DISPLAY

The DBH D12 features a 400-nit retina display offering 2560 OLED resolution, 3528 ppi detail, and 7.2 µm ultra-fine pixels, with 256-level grayscale providing smooth tonal transitions and rich shadow detail.



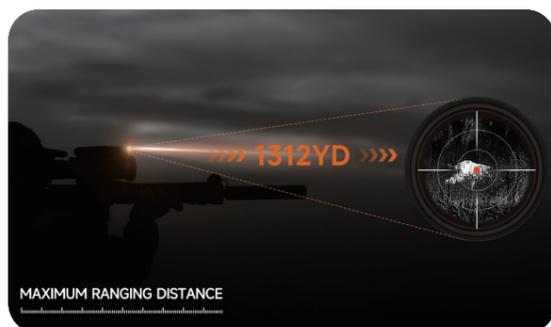
BALLISTIC CALCULATION IN BOTH DEVICE AND APP

Ballistic parameters are transferable via Wi-Fi and the RIX+ app. The system maintains five integrated ballistic profiles for parameter storage and supports precise calibration and POI computation within 1065yd.



BUILT-IN LRF & LASER POINTER

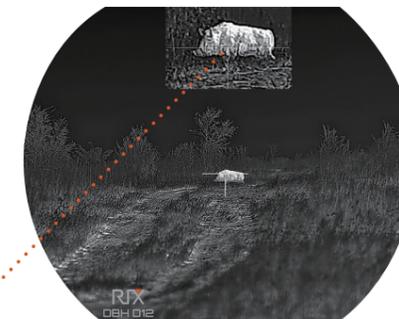
The DBH series read the intergraded green laser will easily mark downed game out to 500yd. The scope also includes a build-in 1312yd laser rangefinder and supports video & photo playback.



VARIABLE MAGNIFICATION FROM 3X TO 20X

The DBH D12 offers a 3–20x magnification range, enabling precise target tracking at distances up to 4260yd.

The DBH D6 offers a 3–18x magnification range, enabling precise target tracking at distances up to 3280yd.



COMFORTABLE OPTICAL IMAGING & EASY-TO-USE DESIGN

The DBH D12 offers a 75mm objective, dual-side focusing structure for left and right-handed use, and a DLC coating to improve scratch resistance and reduce fingerprint marks.



EXTENDED OPERATING, QUICK BATTERY CHANGE

The DBH series uses two 18650 batteries that can be inserted in any orientation for quick, no-look replacement. The D12 offers up to 7 hours of continuous runtime.

