

HD1260LRF

1280 x 1024 LRF Thermal Riflescope

1280 x 1024 thermal riflescope - 60 mm F1.0, 1500 m LRF, ballistic calculator, 3000 m detection

The HD1260LRF is the flagship of the HD series: a 1280 x 1024 uncooled thermal riflescope with a 60 mm F1.0 objective lens. The 1.3 megapixel detector delivers roughly four times the pixel count of a 640 x 512 core, which means more detail on target at the same magnification and a wider usable digital zoom range.

It carries the same field-proven feature set as the HD650LRF - 1500 m laser rangefinder, five-profile ballistic calculator, first-shot auto zero and recoil-activated recording - but extends detection to 3000 m and adds a 64 GB recorder with built-in microphone.

KEY FEATURES

- 1280 x 1024 VOx detector - 1.3 megapixel thermal imaging
- 60 mm F1.0 objective - 14.6 deg x 11.7 deg field of view
- 1500 m laser rangefinder (905 nm), +/- 1 m accuracy
- Detection 3000 m on a 1.8 m x 0.5 m target
- Ballistic calculator with 5 profiles and custom drop values
- First-shot auto zero and recoil-activated video recording

TECHNICAL SPECIFICATIONS

Model	HD1260LRF
Sensor type	VOx uncooled
Sensor resolution	1280 x 1024
Pixel pitch	12 um
NETD	<= 20 mK
Frame frequency	50 Hz
Objective lens	60 mm / f1.0
Angle of view	14.6 deg x 11.7 deg
Digital zoom	1x - 8x
Detection distance (1.8 m x 0.5 m)	3000 m
LRF measurement range	1500 m
LRF wavelength	905 nm
LRF accuracy	+/- 1 m
Display type	AMOLED
Display resolution	2560 x 2560
Palette	White Hot / Black Hot / Ironbow / Glowbow / Sepia / Red Hot / Green Hot
Reticle	10 types (R1 - R10), 9 colour options, 1 mil ticks
Zeroing profiles	5 profiles (A - E)
Ballistic calculator	Selectable gun profiles plus custom drop values
Auto zero	First-shot auto zero at 25 m
Recoil-activated recording	15 s before and 15 s after each shot
Scene modes	City / Forest / Stone / Bird
Built-in memory	64 GB
Battery	4 x 16340 or 4 x 18350
Working time (Wi-Fi off)	3.5 hrs (16340) / 5 hrs (18350)
Weight (without battery)	1016 g
Dimensions	300 x 87 x 73 mm
Protection	IP67

TECHNICAL SPECIFICATIONS (continued)

Working temperature	-20 C to +50 C
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TYPICAL APPLICATIONS

Long-range surveillance and target identification, precision long-range shooting, border and maritime security, wildlife research, OEM/ODM weapon sight programmes.