



Combination of  
Classical Riflescope Look  
and Laser Rangefinder in One



Thermal Imaging Riflescope

# THERMION 2 LRF XP50 PRO SERIES

- The first thermal imaging riflescope with classic design and built-in laser rangefinder
- Unprecedented thermal sensor sensitivity <math><25\text{ mK NETD}</math>
- High-Definition thermal sensor 640x480 pixel @ 17  $\mu\text{m}$
- Fast aperture lens F50/1.0
- Long detection range up to 1800 m
- Up to 10 hours of battery life on a single charge
- High-precision ambidextrous lens focusing
- Mounting on standard 30 mm rings
- Variable magnification 2x to 16x
- Photo and video recording
- High caliber recoil resistance: 12 gauge, 9.3x64, .375H&H
- 5 shooting profiles / 50 zeroing distances
- 10 reticle shapes in 9 color modes
- High-precision aiming in the "Picture-in-picture" mode
- Stream Vision 2. Wi-Fi integration with iOS and Android devices
- Completely waterproof IPX7

## Specifications

Thermion 2 LRF XP50 PRO	
Model # (SKU)	76551
Type of microbolometer	Uncooled
Frame rate, Hz	50
Microbolometer resolution, pix.	640x480
Sensor NETD, mK	<25
Pixel pitch, $\mu\text{m}$	17
Display type and resolution, pix.	AMOLED 1024x768
Built-In photo & video recorder	Yes
Built-In memory, GB	16
Stream Vision 2 app support	Yes
Magnification, x	2-16
Digital zoom, x	2/4/8
Lens focus, mm	50
Relative aperture, D/f'	1:1
Field of view, $^{\circ}$	12.4
Eye relief, mm	50
Diopter adjustment, dptr.	-3/+5
Detection range, m	1800
Rangefinder laser wavelength, nm	905
Measurement range, m	800
Accuracy of range measurement, m	-/+1
Click value, mm/100m	21/21
Reticle adjustment range, H/V, mm/100m	4200/4200
Battery type	Combined built-in internal Li-ion and interchangeable Li-ion
Battery life, hours	10
External power supply	USB Type-C 5.0V/9V Power Delivery
Operating temperature, $^{\circ}\text{C}$	-25...+50
Level of protection (acc. to IEC 60529)	IPX7
Shock resistance on rifles, J	6000
Dimensions, mm	420x78.5x94.5
Weight, kg	0.97