


**MERGER LRF  
XP50**

THERMAL IMAGING RANGEFINDING BINOCULARS

**PL77465**

# SEE THE INVISIBLE.

## FEATURES

- Classic design. Compact size.
- Comfortable viewing experience
- Precise laser rangefinder with 1093 yds measuring distance
- High definition thermal imaging with 640x480 pixel @ < 25 mK NETD sensor
- Latest image processing algorithms
- Fast aperture F50/1.0 germanium lens
- Detection range up to 1968 yds
- Two independent batteries. Up to 10 hours of continuous work
- 2.5x-20x variable magnification
- Rugged magnesium alloy housing
- Built-in photo and video recorder
- Stream Vision 2. Wi-Fi integration with iOS & Android devices
- Improved Wi-Fi connectivity with 2.4/5 GHZ waveband support
- High-contrast HD AMOLED displays
- A selection of 8 color palettes
- IPX7 waterproof rated
- Wide range of operating temperature (-13 to +122°F)



## TECHNICAL SPECIFICATIONS

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<b>Microbolometer resolution (pixels)</b>	640x480
<b>Frame rate (Hz)</b>	50
<b>Sensor NETD, (mK)</b>	<25
<b>Pixel pitch (µm)</b>	17
<b>Display resolution (pixels)</b>	1024x768
<b>Display type</b>	AMOLED
<b>Magnification (x)</b>	2.5-20
<b>Field of view,°</b>	12.4
<b>Lens focal length (mm)</b>	50
<b>Interpupillary distance (mm)</b>	56-71
<b>Detection range (yds)</b>	1968
<b>Battery type</b>	Built-in Li-Ion + Removable Pulsar APS3 Li-Ion
<b>Battery life (hrs)</b>	10
<b>Dimensions (in)</b>	7.7 x 5.6 x 2.9
<b>Weight (oz.)</b>	28.2