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Pulsar Helion XP50 Thermal Imaging Monocular – Detailed Features & Specifications:

- *High sensitivity handheld thermal imaging monocular with 1800m detection range (*Target size: 1.8m height).
- High definition 640x480 thermal sensor.
- Large F50/1.0 Lens combined with a highly sensitive thermal sensor.
- ¼" socket for tripod or accessory mounting.
- 15mm eye relief.
- Built-In 2.4GHz WiFi for **Stream_Vision** mobile app ([iOS Download](#) | [Android Download](#))
- Stadiametric rangefinder built-in.
- Get a sharper, more detailed field of view and enhanced identification capabilities with Pulsar's proprietary software-based Image Boost technology.
- Record videos and photos with a 1024x768 resolution.
- Ultra-rugged lightweight magnesium alloy housing.
- Powered by easily replaceable IPS7 battery packs. Batteries can be charged via USB.
- IPX7 waterproof-rated for protection from heavy rainfall, snow, or other precipitation.
- 8 Colour palettes for enhanced viewing in various conditions. (White Hot, Sepia, Black Hot, Red Monochrome, Red Hot, Rainbow, Ultramarine, Violet).
- 1024x768 HD Amoled micro display.
- Picture-in-picture functionality.
- 50Hz refresh rate.

Thermal Imaging Monocular Specs:			
Resolution (pixels):	640x480	Pixel size (µm):	17
NETD (mk):	≤25	Frame Rate (Hz):	50
Objective Lens (mm):	F50/1.0	F.O.V (field of view):	12.4x9.3° / 21.8x16.3°
Display:	1024x768 HD AMOLED	Optical Magnification (X):	-
Digital Zoom (X):	2.5 – 20 (x8 Zoom)	Maximum Battery Life (hrs):	+8
Built-in memory (Gb):	16Gb	Dimensions (mm):	242x75x60
Weight (g):	<500	Detection Range* (m):	1800

