

# Main

Sensor	HD 1024x768 @ 12 µm (NETD <40 mK)
Objective lens	F50/1.0
Magnification, x	2.5 – 20 (x8 zoom)
Field of view (HxV), degrees / m@100m	14x10.5 / 24.6x18.5
Detection range, m	2300

# Sensor

Type	uncooled
Resolution, pixels	1024x768
Pixel pitch, µm	12
NETD, mK	<40
Frame rate, Hz	50

# Optics

Objective lens	F50/1.0
Magnification, x	2.5 – 20
Field of view (HxV), degrees / m @ 100 m	14x10.5 / 24.6x18.5
Interpupillary distance adjustment, mm	62 – 74
Eye relief, mm	15

# Display

Type	AMOLED HD
Resolution, pixels	1024x768

# Range Performance

Detection range, m	2300
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# Laser Rangefinder

Safety class for laser equipment according to IEC 60825-1:2014	1
Wavelength, nm	905
Max. measuring range, m	1000
Measurement accuracy, m	± 1

## Video Recorder

Video / photo resolution, pixel	1024x768
Video / photo format	.mp4 / .jpg
Built-in memory, GB	16
Built-in memory capacity	-

## Wi-Fi

Wireless Protocol	Wi-Fi
Wireless Standard	IEEE 802.11 b/g/n/ac (WPA)
Frequency, GHz	2.4 / 5

## Environmental Characteristics

Degree of protection, IP code (IEC60529)	IPX7 (waterproof)
Operating temperature range, °C	-25 – +50

## Connections and Compatibilities

Mount, type	1/4" socket
Supported Application	Stream Vision 2

## Power Supply

Output voltage, V	3.7
Battery type	Dual Li-Ion Power System: 3.2 A·h Changeable Battery (external) / 4.0 A·h Battery (internal)
Capacity, mAh	3200 (external) + 4000 (internal)
Operating time on battery pack (at t=22°C), h *	8
External power supply, V	5 (USB Type C)

## Weight & Size

Body material	Magnesium alloy
Dimensions, mm	197x140x72
Weight, kg	0.95 (batteries included)

## Trade Data

SKU (Model #)	77481
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