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Pulsar Recon 550 is one of the most compact and ergonomic digital night vision devices available in the market. Recon 550 features high light gathering capacity ($F/d = 1.0$). Combined with large magnification, this ensures one of the best viewing distances among budget NV devices.

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Recon 550 is outfitted with a jack enabling connection of peripheral equipment; it functions both in video out mode and video in mode. Video out mode allows video recording without use of adaptors and camcorders or cameras; video in mode can be employed to transmit image via radio channel from remote cameras to Recon s display.

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The built-in IR illuminator (805 nm wavelength is optimal for night vision) permits the device to operate in complete darkness. Optionally you may use with the Recon additional, more powerful infrared illuminators including invisible version (940nm). The Recon has a specially design mount combining Weaver and 1/4 inch standards to affix various accessories. The Recon 550 has four working modes of the display - black and white, green (regular color for NV), red (reduces eye strain) and enhanced contrast mode.

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Specifications

• Generation: digital

• IR illuminator: built-in, LED

• Resolution: 40 ln / mm

• Magnification: 4x

• Front lens diameter: 50mm

• Detection range: 250 meters

• Field of view: 5.5°

• Diopter adjustment: +/- 4

• Eye relief: 12mm

• Power supply: 4,5 V-6,5 V (4xAA, "paluszki")

• Video output signal standard: CCIR / EIA

• Camera resolution: 500x582 (CCIR) / 510x492 (EIA)

• Min/max working illuminance [lux]: 0.005 /30000

• Operational temperatures: from -20 to +45°C

• Time of work on 1 battery set: 12h (9 hours with IR on)

• Dimensions: 176 x 83 x 62mm

• Weight: 400g

Warranty

3 years

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(below: with optional laser illuminator Pulsar L808S 150 mW)

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