



Laser rangefinder for drones

Specification

Radiation source - multimode laser diode. Working wavelength - 1.56 - 1.58 microns

The power of the radiation source is 1400 mV (laser safety class 1 according to GOST R 50723-94)

Lens diameter 32 mm

Measured range at observer visibility 24 km, typical. and measurement time 0.1s. (frequency 10Hz.):

object size 2.3x2.3 m; reflectivity 10% 5 km

object size 2.3x2.3 m; reflectivity 80% / 14 km

Measurement error <1m

The resolution in range < 60m

Laser beam divergence < 0.25 mrad

The minimum measured distance < 100m

Shock proof up to 200 g.

Operating temperatures: from minus 40 to plus 60 ° C

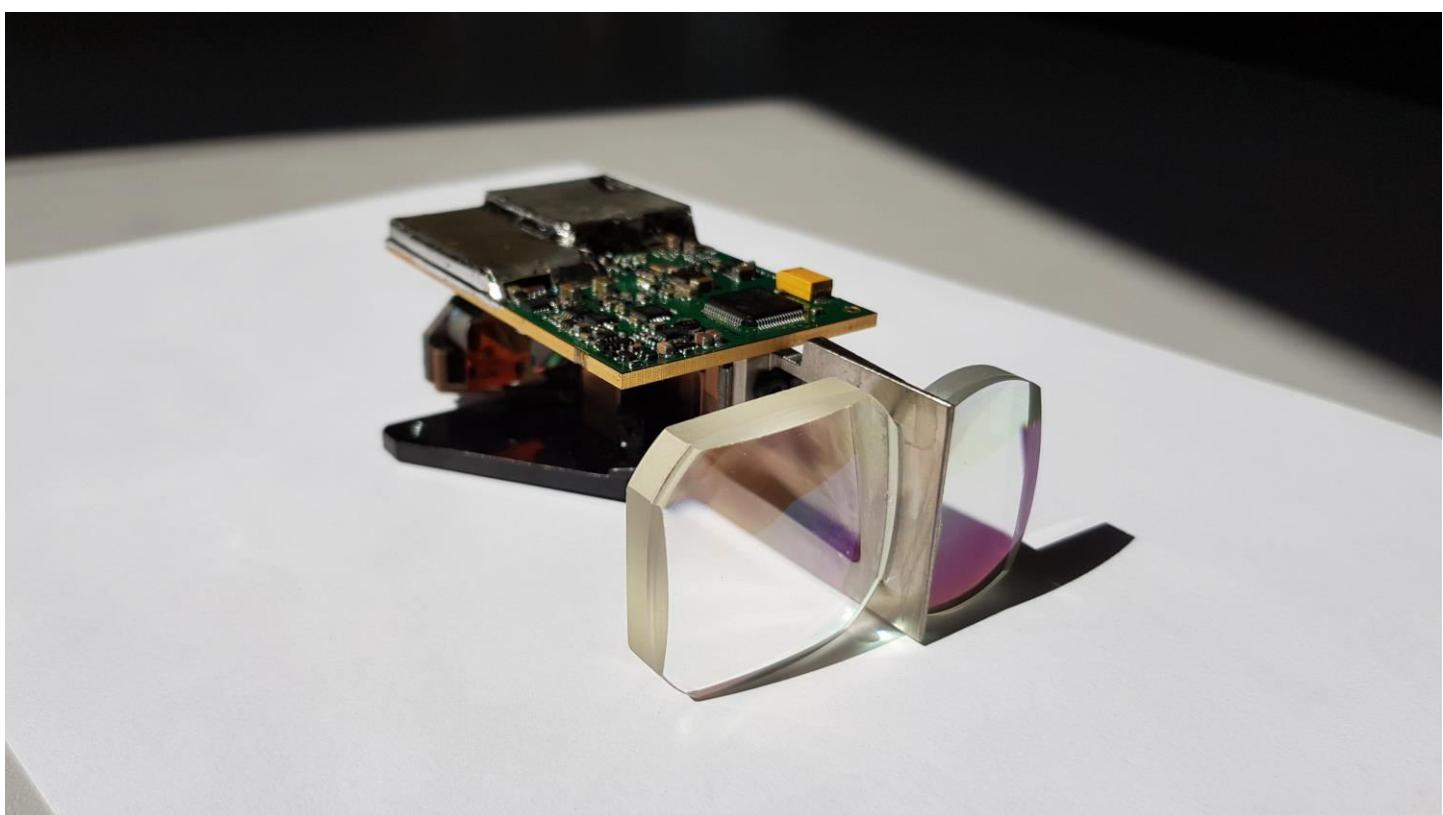
Module weight: 0.15 kg

Overall dimensions, not more than length - 96 mm; Width - 51 mm; Height - 35 mm.

Power supply: 12 V

The power consumption during the measurement of 20 watts.

RS-232 / RS-485 interface



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