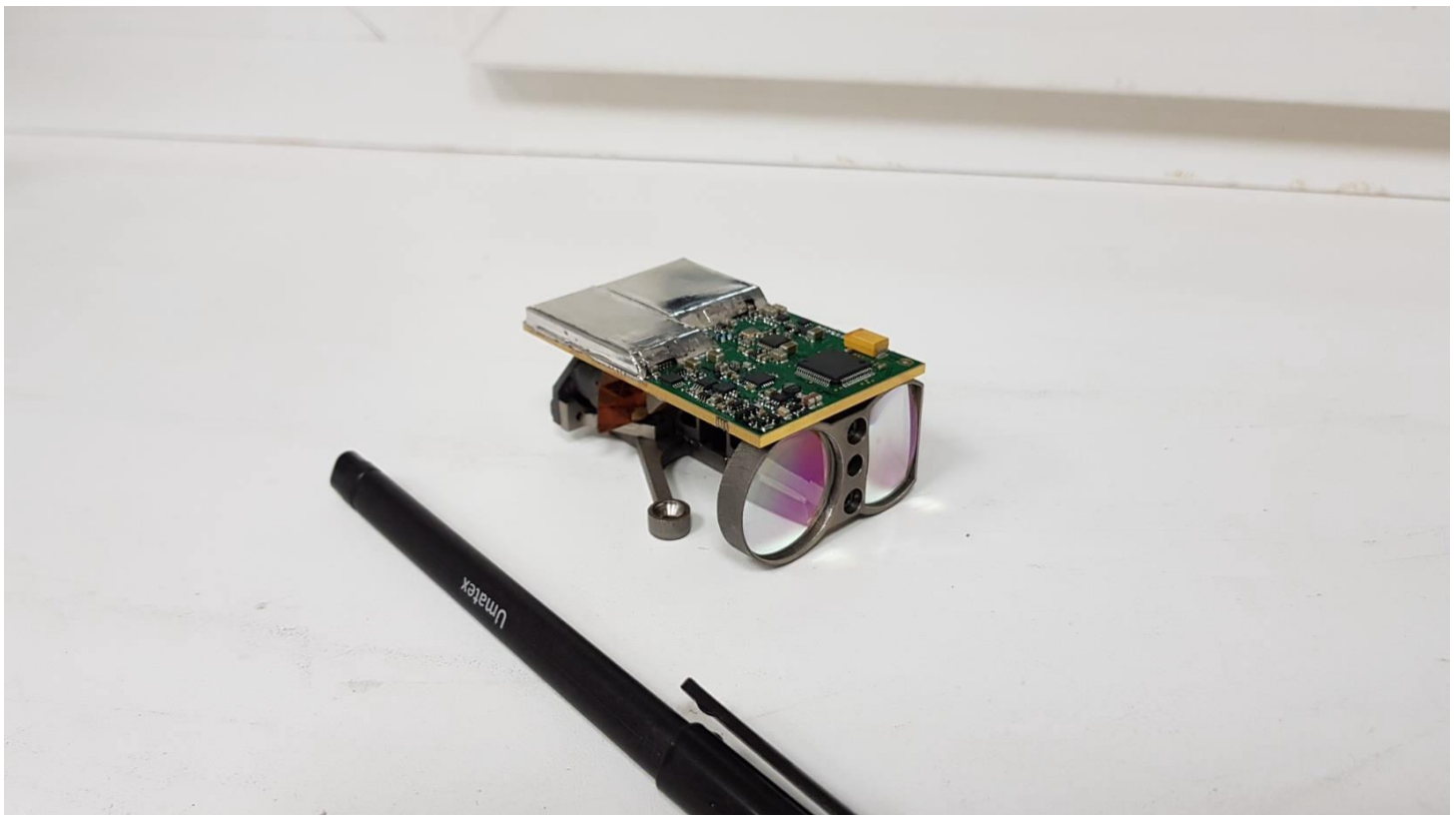




Range finder for optical and thermal sights

Specification

Radiation source - Single Mode laser diode. Working wavelength - 1.56 - 1.58 microns
The power of the radiation source is 400 mW (laser safety class 1 according to GOST R 50723-94)
Lens diameter 24 mm
Measured range at observer visibility 24 km, typical. and measurement time 0.1s. (frequency 10Hz.):
object size 0.3x0.3 m; reflectivity 10% 1.3 km
object size 1x1 m; reflectivity 80% 4 km
Measurement error <0.5m
The resolution in range < 15m
Laser beam divergence < 0.2 mrad
The minimum measured distance < 30m
Shock proof up to 1000 g.
Operating temperatures: from minus 40 to plus 60 ° C
Module weight: 0.1 kg
Overall dimensions, not more than length - 71 mm; Width - 51 mm; Height - 32 mm.
Power supply: 3.6V - 6.4V
Energy consumption per measurement (measurement time 0.05 sec.) 0.25 J
RS-232 / RS-485 interface



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