

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

