

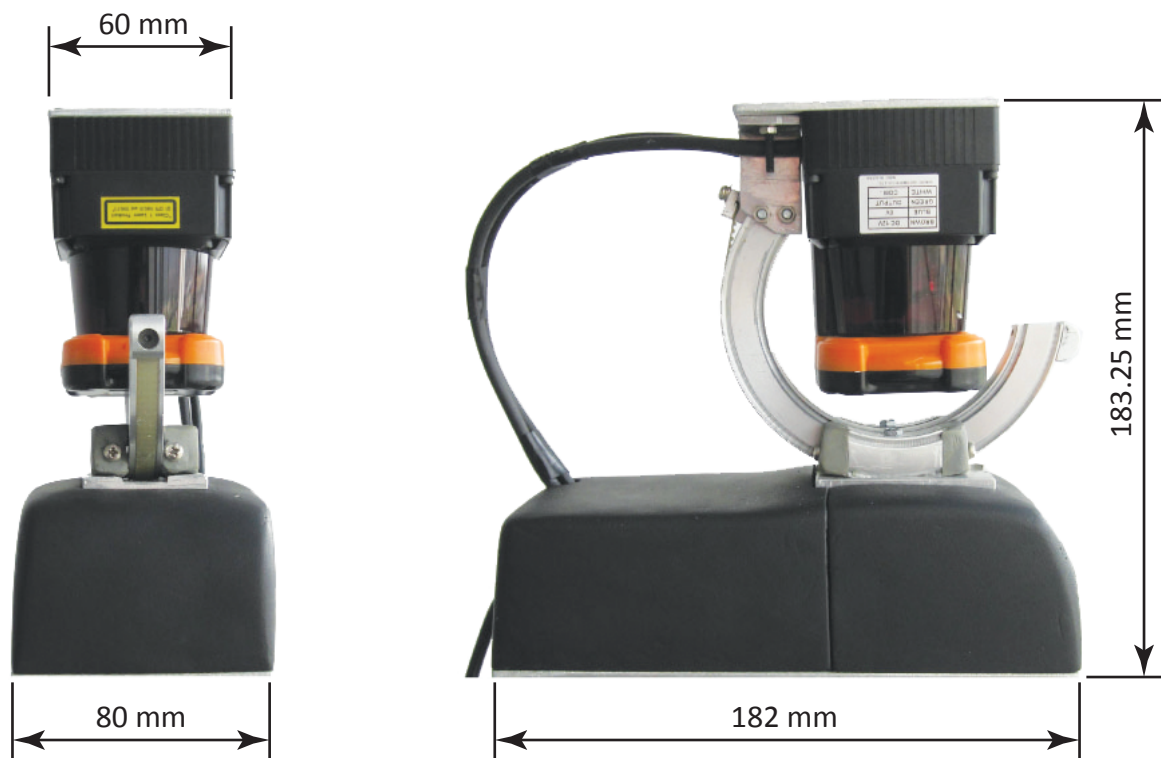
Technical specifications:

Product Name	Low-cost 3D Laser Range Finder
Model	30M135Y
Supply voltage	12 VDC $\pm$ 10%
Supply current	1.2 A (nominal), 2.8 A (maximum)
Host interface	USB 2.0 (Virtual COM)
Detection range	0.1-30 m
Measurement resolution	1 mm
Field of view	270° x 129°
Minimum scanning time (4.16° pitch resolution)	1.55 s
Maximum scanning time (0.067° pitch resolution)	95.75 s
Dimensions	182mm x 80mm x 191 mm
Weight	850 g



UNOLaser 30M135Y

Dimensions:



Further details:

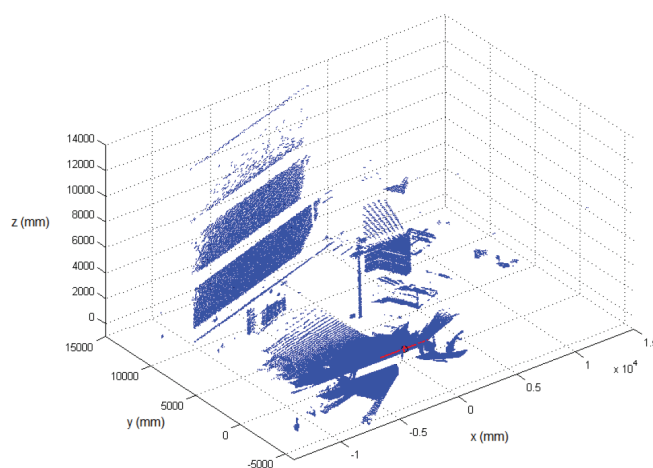
J. Morales, J. L. Martínez, A. Mandow, A. Pequeño-Boyer, and A. García-Cerezo (2011) "Design and Development of a Fast and Precise Low-Cost 3D Laser Rangefinder" IEEE International Conference on Mechatronics, Turkey.

Applications:

- Mobile robotics



- Environment modeling



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