

Hokuyo UBG-04LX-F01 Laser R313-HOKUYO-LASER3 \$2850.00

The UBG-04LX-F01 is a fast scanning laser range finder. Interfaces to both RS232 and USB are built into the sensor. The laser can sense up to 4 meters in distance with millimeter resolution.



The sensor includes necessary wiring hardware to interface to the sensor via a serial connection. Wires for RS232 communication are built into the sensor. A mini-USB connector is built into the top of the housing unit. If both connections are made at the same time with a host computer, the USB connection will have priority.

USB Drivers

Included with the sensor is a CD that includes test data results, communication specifications, demonstration software, an example project for Visual Studio and USB driver for Windows including Windows Vista.

Specifications

Voltage	12.0 V \pm 10%
Current	0.37 A (Rush current 0.7 A)
Detection range	0.06 m to approximately 4 m
Laser wavelength	785 nm, Class 1
Scan angle	240°
Scan time	25 ms/scan (35.714 Hz)
Angular resolution	0.36°
Interface	RS232, USB 2.0

Acroname Inc.
4822 Sterling Drive
Boulder, CO 80301
USA
voice: 720.564.0373
fax: 720.564.0376
sales@acroname.com

