

At the top of the range is the Hokuyo UTM-30LX which punches well above its weight and size. Considering the UTM-30LX has a size profile comparable to a standard credit card its ability to map objects up to 30m away is remarkable. This model uses USB 2.0 interface for communication and can obtain measurement data in a wider field of view up to a distance of 30 meters with millimeter resolution. Additionally; response time and scan window are unparalleled. Due to its low power consumption, this scanner is able to be used on battery-operated platforms.

Model Number

UTM-30LX

Range	30m
Scan window	270°
Light source	Laser Semiconductor 870nm , Laser Class 1
Supply voltage	12VDC ±10%
Supply current	Max: 1A, Normal : 0.7A
Power consumption	Less than 8W
Detection range and Detection object	Guaranteed Range: 0.1 ~ 30m (White Kent Sheet) Maximum Range : 0.1 ~ 60m Minimum Width detected at 10m : 130mm
Accuracy*	Under 3000lx : White Kent Sheet: ±30mm (0.1m to 10m) Under 100000lx : White Kent Sheet: ±50mm (0.1m to 10m)
Measurement resolution and Repeated accuracy	1mm Under 3000lx: = 10mm (White Kent Sheet up to 10m) Under 100000lx : = 30mm ¹ (White Kent Sheet up to 10m)
Angular resolution	0.25°
Scan speed	25ms. Motor rotation speed : 2400rpm
Interface	USB Ver2.0 Full Speed (12Mbps)
Output	Synchronous Output 1 point
Weight	210 g (without cable)
Case	Polycarbonate
Dimensions	60mmx60mmx85mm

*. Accuracy can be affected by strong light, such as sunlight, directly.

Note) This sensor is not a safety device/ tool.

Note) This sensor is not for use in military applications.