

UTM-30LX-EW

Long Range **HOKUYO** LRF

Laser Range Finders provide real time mapping data. Their size, weight and power consumption make them ideal for Robotics.

The new **UTM-30LX-EW** comes with Ethernet connectivity, multi echo functionality and IP67 protection.

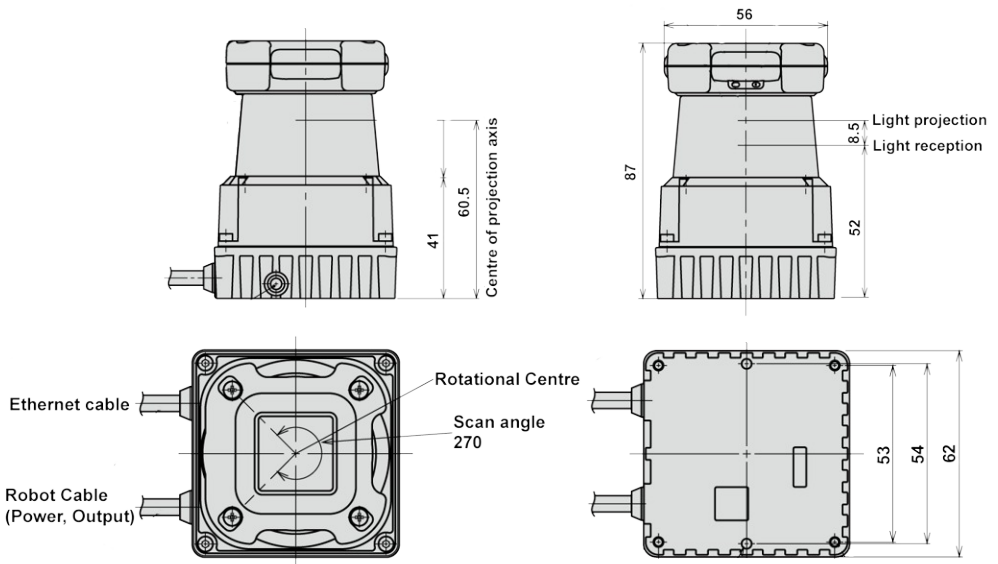


- 30 metres range
- Designed for outdoor use
- 270° scan 0.25° resolution
- 40 scans per second
- Compact: 62 x 62 x 87mm
- Lightweight: 400g
- Power frugal: 12VDC, 8.4W
- Ethernet connectivity
- Multi-Echo functionality
- Effective in adverse weather

UTM-30LX-EW Specification



Model	UTM-30LX-EW
Power Source	12V DC +/- 10% , Current Max 1A at start-up, Normal use 0.7A
Light Source	Pulsed laser diode ($\lambda=905\text{nm}$), Laser safety class 1
Detection Range	0.1m to 30m (500mm x 500mm or more, White Kent Sheet)
Accuracy	0.1m to 10m +/- 30mm, 10m to 30m +/- 50mm
Scan Area & Resolution	270° Resolution 0.25°
Scan speed	25ms/scan
Protocol	SCIP2.2 (Exclusive command)
Interface	Ethernet 100 Base-TX (Auto-negotiation) TCP/IP Synchronous output: NPN open collector
Connection	Power / synchronous output cable 2m Ethernet RJ-45 with male / female connector 30cm
Dimensions	62 x 62 x 87mm Weight 370g
Environment	-10 to +50°C @ 85% humidity (no condensing or icing)
Protection	IP67



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