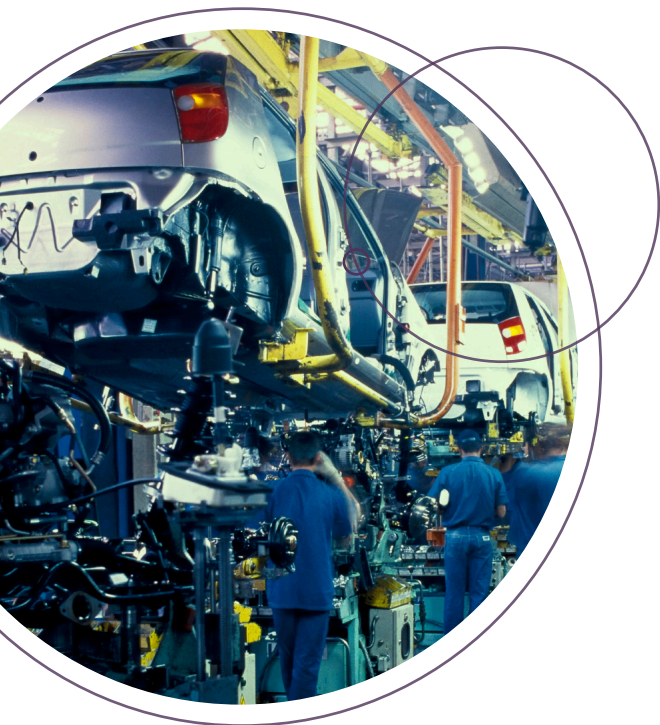


HOKUYO

UXM-30LXH-EWA

LASER RANGE FINDER



Long range scanner for
outdoor applications.

120 metre range max.

Multi-echo technology

Data output via Ethernet

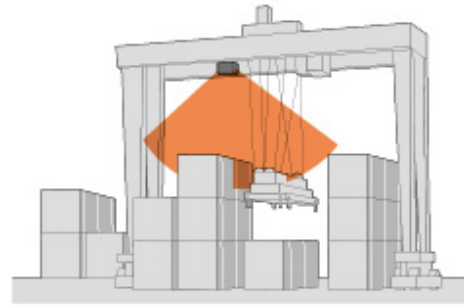
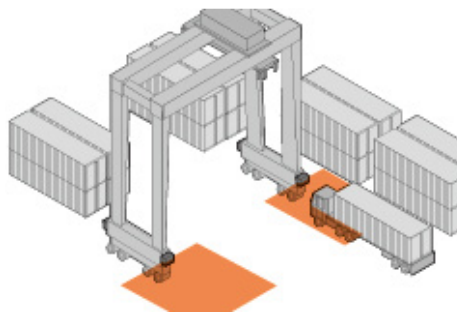
Scan area 190° Resolution 0.25°

IP 67 protection

SENTEK
solutions

The UXM laser scanners from Hokuyo are long range, robust and compact. Designed for outdoor applications, they are IP67 rated and have built in heaters to combat the worst of the weather. The Hokuyo multi echo scanning technology helps filter out unwanted signals, and the synchronisation outputs ensure reliable operation in busy/harsh environments where one or more scanners are used. With a range of options available it's easy to pick the right scanner for the job.

The UXM-30LXH-EWA has a resolution of 0.125° and provides distance and direction data via Ethernet. With a maximum range of up to 120 metres and an internal heater prevent mist on the lens in colder weather the UXM-30LAH-EWA is ideal for outdoor application on larger AGV's or collision avoidance on ship to shore cranes.



Model Number

UXM-30LXH-EWA

Range	Maximum 120 metres
Scanning angle	190°
Light source	Laser Semiconductor 785nm , Laser Class 1
Supply voltage	10 to 30 VDC
Detection range	0.1-30m at 10% reflectance, 0.1 to 80m at 90% reflectance*
Minimum detectable object	33mm (at 5m) 65mm (at 10m) 200mm (at 30m)
Angular resolution	Approx 0.125°
Scanning speed	50msec/scan
Interface	Ethernet 100BASE-TX
Output	OUTPUT 3 points:Synchronisation master output, failure output
Input	INPUT 1 point: Synchronisation input
Weight	1.2g
Dimensions	124mmx126mx150mm

For more information:

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Your Authorised HOKUYO Partner in Europe

