HOKUYO

YVT 3D LASER SCANNER

YVT-35LX
3D scanner, 0,3-35m, Ethernet



- Detection distance 35m
- Scanning angle 210° horizontally, 40° vertically
- Ethernet interface
- Size 70x106x95mm
- IP67 rated

PRODUCT DESCRIPTION

3D Scanning Range Finder. The distance is measured by steering the laser beam vertically and horizontally. In 1 frame, a point cloud with 2590 points is generated. It is possible to increase the point cloud density using the interlacing mode. This scanner is equipped with an acceleration sensor and a PPS input signal.

- This scanner uses pulsed laser beam with TOF principle to measure distance.
- A laser beam is emitted in a wide 3D field providing access to hight, width and depth information of objects. This information is not available with traditional 2D scanners.

SPECIFICATIONS

Supply Voltage DC Min	10 V DC
Supply Voltage DC Max	30 V DC
Power consumption	0.8 A

Sensing distance max	35 m
Scanning Angle	210 °
Laser Class	Class 1

Width	70 mm
Length	106 mm
Height	95 mm
Temperature range from	-10 °C
Temperature range to	50 °C
IP Class	IP67

Weight	0.65 kg
Connection Thread	M8
























