



30m scanning range. Suitable for security purpose as a monitor in outdoor environment. also possible for sticking-out detection.

## Feature

- Long distance (30m) and wide angle (270°)
- Reflective type with easy wiring.

## Specifications

Model No.	UTM-30LN
Power source	12VDC±10%(Current consumption:Max:1A,Normal:0.7A)
Light source	Semiconductor laser diode(λ=905nm) Laser safety Class 1(FDA)
Detection Range	0.1 to 30m(White Square Kent Sheet 500mm or more),Max.60m 270°
Accuracy	0.1 to 10m:±30mm, 10 to 30m:±50mm*1
Angular Resolution	0.25° (360° / 1,440 steps)
Scan Time	25msec/scan
Sound level	Less than 25dB
Interface	USB2.0(Full Speed) for field setting by PC
Output	Output 1:NPN open collector 50mA or less, power less than 30V
Connection	Power and output:2m flying lead wire USB:2m cable with type-A connector
Ambient(Temperature/Humidity)	-10 to +50 degrees C, less than 85%RH(without dew and frost)
Vibration Resistance	Double amplitude 1.5mm to 55Hz, 2 hours each in X, Y and Z direction
Impact Resistance	196m/s <sup>2</sup> , 10 times in X, Y and Z direction
Weight	Approx. 370g(with cable attachment)

\*1.This accuracy could be less reliable if the sensor receives strong light such as sun light directly in the outdoor environment.

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

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## External dimension

