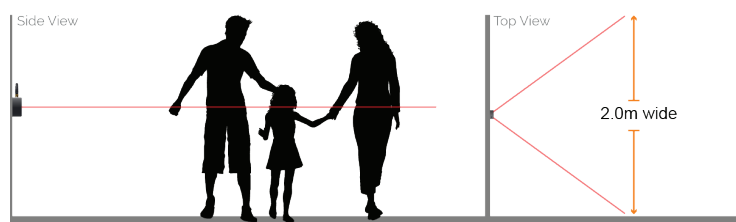


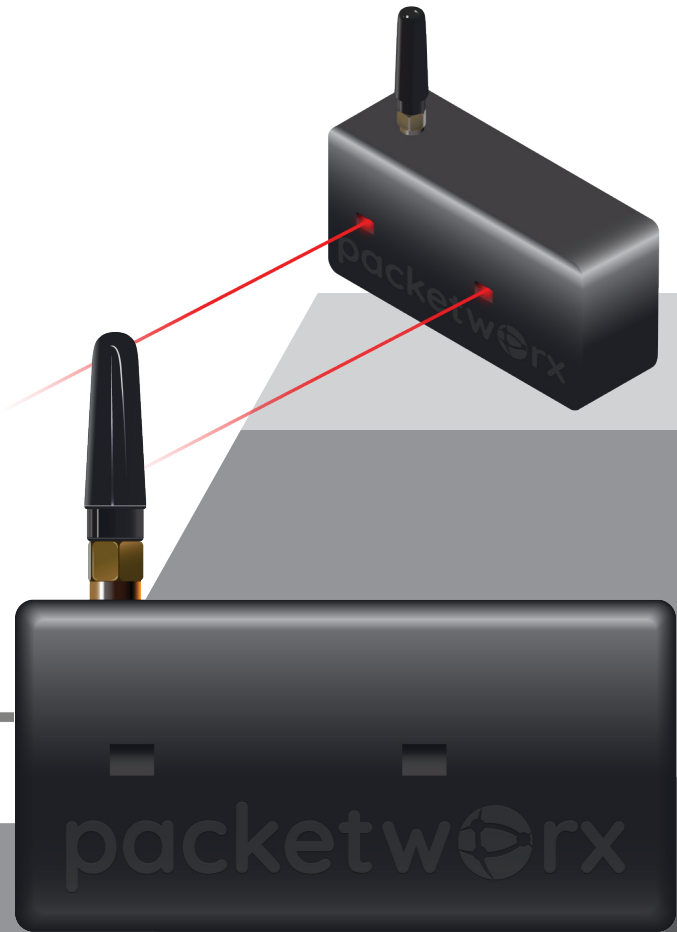
packetCOUNTER

Packetworx's **packetCOUNTER** LoRaWAN®-enabled device that allows clients and users to accurately track and record the number of people moving in and out of a portal or door.

A count of people going in and out of portal or door allows companies to optimize staffing and power demands. Data is also very powerful for marketing intelligence gathering initiatives.



Dual Beam Lidar sample installation



Features

- Remotely configurable uplink interval via LoRaWAN® downlink
- Programmable detection range
- Configurable unidirectional or bidirectional counting

Applications

- Foot traffic monitoring
- Facility Management
- Crowd Traffic Control
- Marketing Intelligence for Retail Environment

Technical Specification

LoRa

Device	S76S
Integrated MCU	STM32L073xZ
Integrated RF IC	SX1276
Frequency	868Mhz
Antenna	Internal
Range	Up to 15km
RF Power	Configurable +14dBm - +20dBm

Electricals

Operating Current	50mA (max)
Operating Voltage	3.3V – On-board Electronics
Power Source	5.0VDC input, USB Adapter and internal battery
Battery Type	Lithium Ion
Battery Capacity	1800mAh

General Device Specifications

Sensor	Dual Beam Lidar for door openings no more than 2m wide or 16x16 Matrix Beam Lidar
Operating Temperature Range	21° 4m -20°C to +70°C
Operating Voltage	DC 3.0-5.5V
Operating Current	Max of 50mA
Protection Grade	IP65

Mechanical

Installation	Dual Beam Lidar: waist level or 16x16 Matrix Beam: overhead
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