



Get real-time people counting data for single doorways and narrow corridors

Terabee People Counting M is a game-changer. GDPR-compliant, compact in size, with a small footprint, it enables deployment of competitively-priced people counting solutions on a large scale in smaller areas.

This product is designed to be installed over conventional swing doors and passageways. It uses 3D Time-of-Flight technology to detect and count people while ensuring their anonymity. Easy to install and highly accurate, People Counting M can be flexibly deployed via wired or wireless connectivity.

Who is the Terabee People Counting M for?

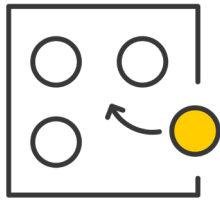
Terabee People Counting solutions are designed for deployment by Systems Integrators, Networking Solution Providers, and End Users with expertise in data networking. To successfully deploy the Terabee People Counting M, please ensure you have access to the following expertise and tools:

- Infrastructure to manage data over Power over Ethernet, Ethernet or WiFi
- An understanding of how to configure and push data payloads to a server using MQTT or HTTP protocols
- Data visualization applications to view data sent from the device, or a subscription to the Terabee IoT platform

Key features

- GDPR compliant by design
- 3D depth people counting sensor (no camera used)
- Ethernet and WiFi connectivity
- Easy to install and configure via Web GUI
- Easy-to-read status LEDs
- Remote device management and software updates
- Direct data integration to Cloud and servers via HTTP

Applications



Meeting room occupancy



Washroom footfall measurement



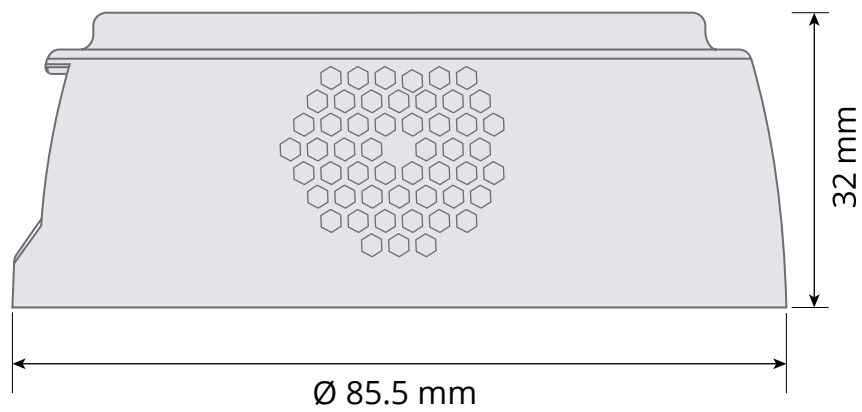
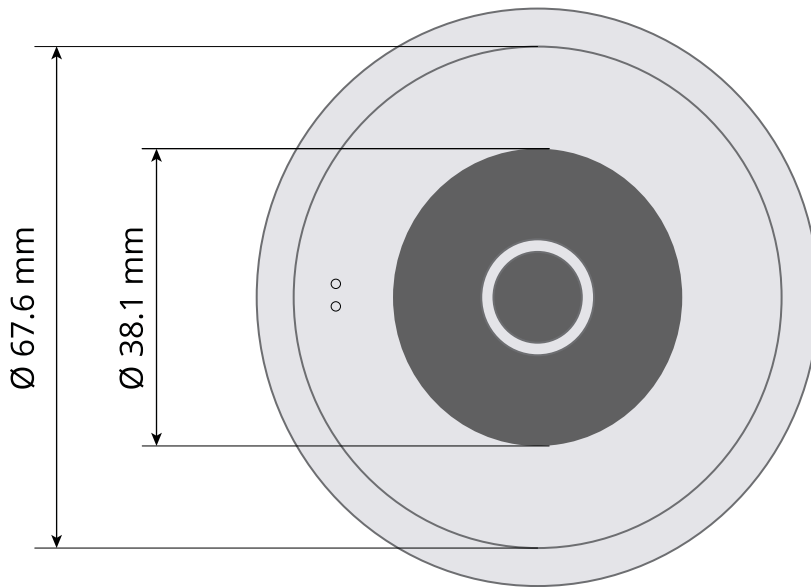
Detailed analytics of facility use

Technical specifications

Product code	TB-PCM
Product performances	
Technology	Infrared Time-of-Flight depth sensor
Field of View	15°
Coverage area dimensions	80 x 80 cm at 3.0 m high
Installation height range	From 2.3 m up to 3.0 m
Use environment	Indoor
Counting accuracy	95% ¹
Electronics	
Power source	RJ45 (PoE IEEE 802.3af) 5.5 x 2.1 mm Jack (5 V DC ± 5% - 1 A)
Power consumption	2.5 W average (5 V power source) 3 W average (PoE power source)
LED indicators	Two LEDs
Initialization time	Approx. 15 Sec
Mechanics	
Dimensions	Ø 85.5 mm x 32.0 mm
Weight	85 g
Housing material	ABS PA-757
Color	White (extra colors on demand)
Operating temperature	0° to 35 °C
Storage temperature	-20° to 60 °C
Installation	On-ceiling mounting with provided mounting plate
Networking	
Connectivity	Gigabit ethernet Wi-Fi 802.11b/g/n
Recommended cabling	Category 6 or later
Addressing	DHCP Static IP
Local WiFi access point	192.168.4.1
Protocols	HTTP/HTTPS, MQTT/MQTTS
Outbound traffic required on port	53, 80/443, 1883/8883
Domain whitelisting	*.terabee.com
Data hosting	Cloud hosting (Datacenter in Amsterdam, Europe) Data storage for up to 2 years
Setup	Web GUI on the device and accessible by smartphone or laptop
Conformity	
Reference standard	CE, RoHS

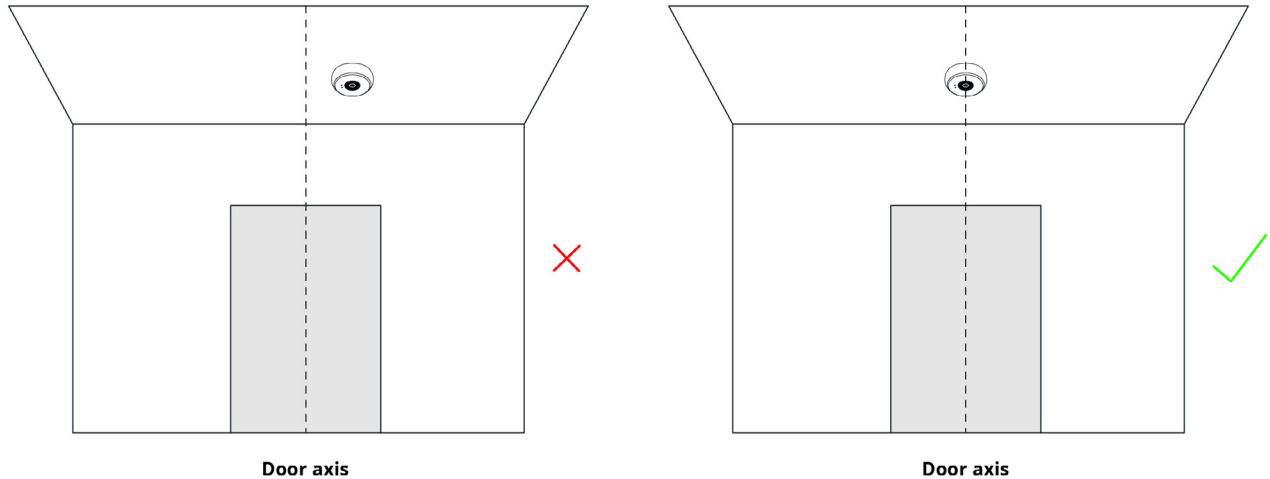
¹ Counting accuracy is assessed on the total number of entry and exit counts in representative conditions. In very diverse environments, this value may change.

Dimensions



Installation


Terabee People Counting M installs like a household smoke alarm, which needs to be placed centrally above doors and corridors and 10 cm minimum from the nearest vertical wall.



Maximum door width of 90 cm can be monitored with the following installation heights:

Installation height (m)
2.30 (min.)
2.80 (avg.)
3.00 (max.)

Have any questions? Contact us today!

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