



TRAF-SYS

PEOPLE COUNTING SYSTEMS

Spectrum People Counters

High-Accuracy 3D Image Detection



PEOPLE COUNTING SOLUTIONS

HIGH-ACCURACY 3D IMAGING TECHNOLOGY

The Spectrum Series of People Counters use 3D imaging technology and analytics to provide highly accurate pedestrian traffic data for retail and public spaces. Use the information from these sensors to help plan your operations more efficiently, optimize resources and increase revenue.

All Spectrum Series People Counters feature:

- Near Real-time Data
- Ability to filter out objects (such as carts) from people counts
- Bi-directional counting
- Detect or Ignore U-Turns
- Secure Data Transmission via HTTPS
- SOAP/XML, REST, HTTP(S), (S)FTP, digital outputs, and other IP-based services and custom protocols possible



For more information, visit www.trafsys.com. Or call 1-888-815-6568



SPECTRUM



SPECTRUM HIGH-MOUNT



SPECTRUM OUTDOOR

A smart, highly dynamic stereoscopic camera with on-board computing power to pack precise image processing and feature-rich application software into a sleek design.

Dimensions 6.3 in x 6.3 in x 1.7 in

Weight 14 oz

Aluminum / Plastic Housing

Internal Storage 8GB

Protection Class IP 30

A high-mount variation of the Spectrum People Counter to be used for mounting heights from 10 feet to 20 feet.

Dimensions 9.3 x 3.9 in x 1.5 in

Weight 21 oz

Aluminum Housing

Internal Storage 8GB

Protection Class IP40
(w/optional cover and weatherproof housing)

An weather-proof variation of the Spectrum People Counter to be used for outdoor applications.

Dimensions 5.6 in x 3.9 in x 1.4 in

Weight 15.5 oz

Aluminum Housing

Internal Storage 8GB

Protection Class IP 65

Accessories



Surface Mount Box



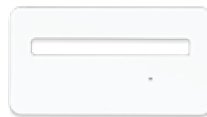
Surface Mount Hood



Installation Kit



Faceplate



Installation Kit (Recessed)



1/4" Camera Mount Adapter



Installation Kit (Outdoor)



1/4" Camera Mount Adapter



Functionality

>99% counting accuracy

In / Out Counting Lines

Maximum Detection Area

4.95 m x 4.2 m = 21 m² at 3,5 m height
(13 ft x 17 ft = 220 ft² at 12 ft height)

Automatic Detection of Installation Height

>99% counting accuracy

In / Out Counting Lines

Maximum Detection Area

8 m x 8 m = 64 m² at 6 m height
(26 ft x 26 ft = 690 ft² at 20 ft height)

Automatic Detection of Installation Height

>99% counting accuracy

In / Out Counting Lines

Maximum Detection Area

4.95 m x 4.2 m = 21 m² at 3.5 m height
(13 ft x 17 ft = 220 ft² at 12 ft height)

Automatic Detection of Installation Height

Power

<8w Power Consumption

Power Supply

PoE (PD-class 0)
24 V DC (only I/O version)

EMC

CE, FCC, EAC

Buffered clock battery

<8w Power Consumption

Power Supply

PoE (PD-class 0)
24 V DC (only I/O version)

EMC

CE, FCC, EAC

Buffered clock battery

<8w Power Consumption

Power Supply

PoE (PD-class 0)
24 V DC (only non-PoE version)

EMC

CE, FCC, EAC

X



Connectivity

Ethernet 1000 Base T, PoE, RJ45 socket

Ethernet 1000 Base T, PoE, RJ45 socket

Ethernet 100 Base T, PoE, M12 socket



Installation Requirements

Minimum mounting height

2 m (6.5 ft)

Maximum mounting height

6 m (19.68 ft)

Minimum illumination requirement

3 lux

Minimum mounting height

3 m (10 ft)

Maximum mounting height

9 m (29.5 ft)

Minimum illumination requirement

3 lux

Minimum mounting height

2 m (6.5 ft)

Maximum mounting height

6 m (19.68 ft)

Minimum illumination requirement

3 lux

