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

SPECTRUM

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

SPECTRUM HIGH-MOUNT

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)

SPECTRUM OUTDOOR

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

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

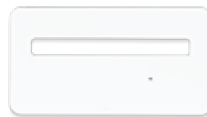## Accessories

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

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

	SPECTRUM	SPECTRUM HIGH-MOUNT	SPECTRUM OUTDOOR

Functionality

SPECTRUM	SPECTRUM HIGH-MOUNT	SPECTRUM OUTDOOR
>99% counting accuracy	>99% counting accuracy	>99% counting accuracy
In / Out Counting Lines	In / Out Counting Lines	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)	**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)	**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	Automatic Detection of Installation Height	Automatic Detection of Installation Height

Power

SPECTRUM	SPECTRUM HIGH-MOUNT	SPECTRUM OUTDOOR
<8w Power Consumption	<8w Power Consumption	<8w Power Consumption
Power Supply PoE (PD-class 0) 24 V DC (only I/O version)	**Power Supply** PoE (PD-class 0) 24 V DC (only I/O version)	**Power Supply** PoE (PD-class 0) 24 V DC (only non-PoE version)
EMC CE, FCC, EAC	**EMC** CE, FCC, EAC	**EMC** CE, FCC, EAC
Buffered clock battery	Buffered clock battery	X

Connectivity

SPECTRUM	SPECTRUM HIGH-MOUNT	SPECTRUM OUTDOOR
Ethernet 1000 Base T, PoE, RJ45 socket	Ethernet 1000 Base T, PoE, RJ45 socket	Ethernet 100 Base T, PoE, M12 socket

Installation Requirements

SPECTRUM	SPECTRUM HIGH-MOUNT	SPECTRUM OUTDOOR
Minimum mounting height 2 m (6.5 ft)	**Minimum mounting height** 3 m (10 ft)	**Minimum mounting height** 2 m (6.5 ft)
Maximum mounting height 6 m (19.68 ft)	**Maximum mounting height** 9 m (29.5 ft)	**Maximum mounting height** 6 m (19.68 ft)
Minimum illumination requirement 3 lux	**Minimum illumination requirement** 3 lux	**Minimum illumination requirement** 3 lux