SENSOURCE



HIGH MOUNT SENSOR

SENSOURCE PEOPLE COUNTING TECHNOLOGY

- ✓ Unmatched **Accuracy**
- ✓ Install Height **20’ - 65’**
- ✓ **Advanced** Features

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The Most Accurate People Counting Systems

Our people counters measure foot traffic with precision, while our analytics platform gives you accessible data to make critical decisions.



Count

With the power of 3D video, SenSource high-mount people counters measure footfall, track and count individuals entering, exiting and dwelling with precision. With 97% or greater accuracy, you know your data will be trustworthy.



Transmit

Using PoE a single cable provides power and network connectivity. Data is processed on the sensor itself, no additional servers are needed, making real-time data available for immediate action.



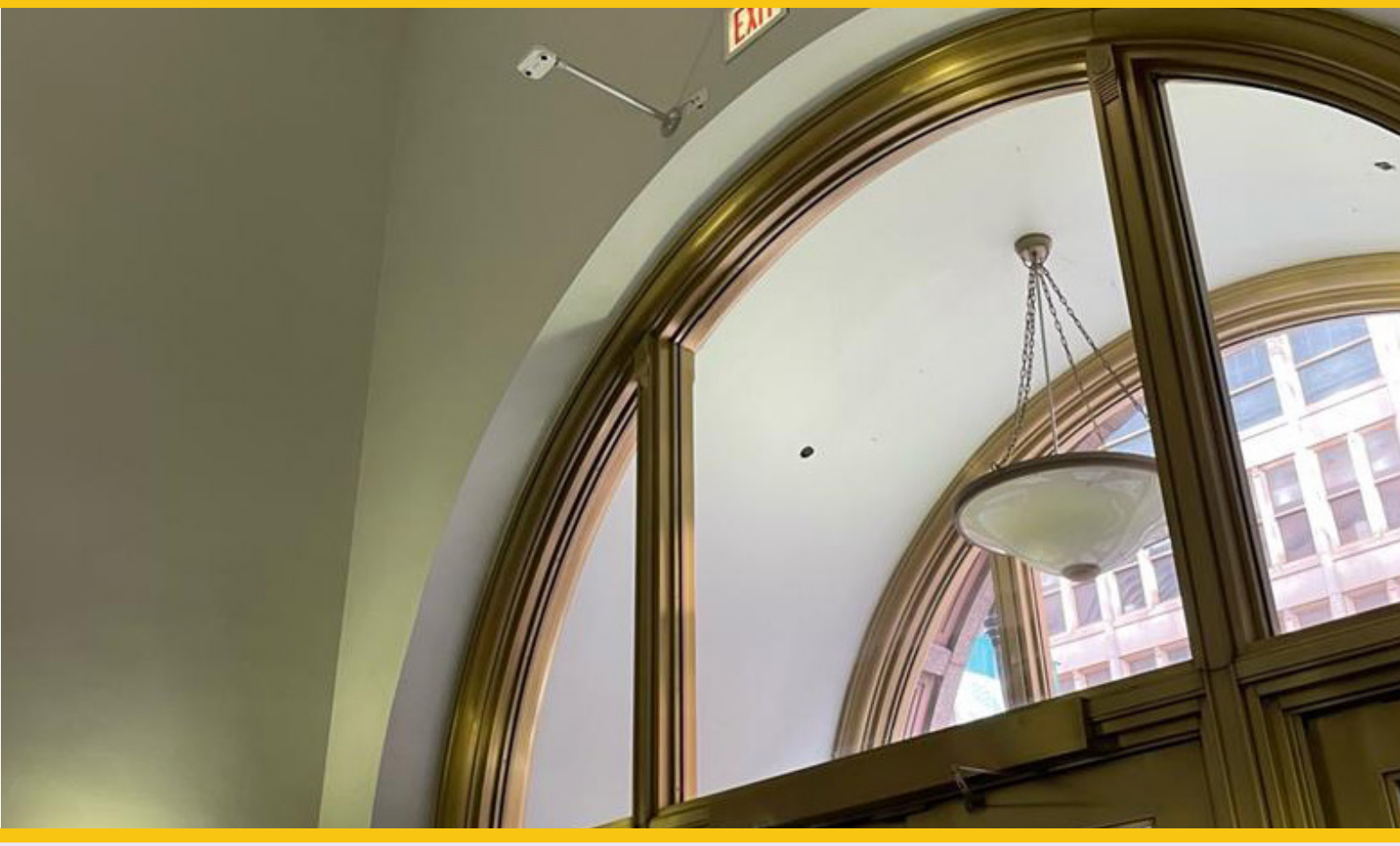
Report

Make the most of your people counting solution with Vea cloud-based reporting and analytics platform. Visualize facility usage and performance in a new way. Gain insight into the future and make strategic decisions.

Vea's intuitive drag-and-drop functionality makes reporting simple and customized.

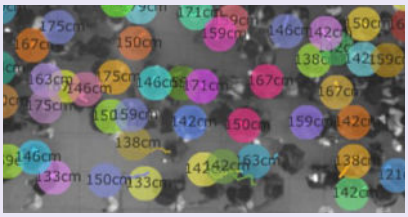
A Solution for Any Space

What sets SenSource apart from other people counting providers is our willingness and knowledge to serve a variety of industries, applications and project sizes. While each has its own uses for footfall data, the end results are all the same - footfall data is used to make better business decisions.

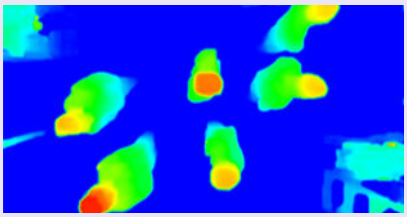




Robust Operation
Resistant to all kinds of external influences, such as shadows, light changes and heat emission.
Up to 9 sensors can be stitched into a single view for large area monitoring.



Standard Advanced Features
- Differentiate adults from children
- Queue detection
- Privacy filters



Future Proof
25 year MTB. Installed sensors can be upgraded in the field with firmware upgrades and new features.

The Reporting

Translate your raw foot traffic data into rich analytics to reveal patterns and profitable insights.

Traffic Analysis

Historical Comparisons





Predictive Traffic



Occupancy Monitoring

Modern Architecture

Vea is developed by SenSource's in-house team of software engineers using modern micro-services based architecture. Thoughtful separation between application components enables a high-performing, scalable platform.

Included API

A RESTful API is available by default for all Vea application features to integrate traffic data with your existing business software. Robust API documentation included.

Fleet Visibility

Vea puts you in control of your people counting system with visibility to your device fleet, including off-line sensor monitoring, date of last data push, and current sensor status.

Secure

All aspects of Vea are developed with security by design, such as login authentication, cloud hosting environment, and customer data schemas.

Vea is equipped with Enterprise SSO (single sign-on) authentication for simpler administration, better network security, and improved user productivity.

Want to see Vea in action? Click or Scan below to visit our YouTube channel.



Installation Services

The expertise behind accurate data
Our team of experts will custom configure the sensor settings during installation to ensure optimal accuracy. Accuracy is validated by video to meet our standards. Your sensor's health is continually monitored by our team for instances such as off-line status or out of scope accuracy.

Installation services
Full installation services are available for single sites as well as full roll-outs. Certified technicians will run cable, install the sensor, and test for functionality and accuracy. Documentation is available for self-installation.

Mounting accessories
Each sensor comes with a standard mount kit that includes fasteners to mount the sensor to a drywall or drop-tile ceiling. It also includes a 1/4-20 back plate to accommodate accessory mounts or standard camera mounts.

Mounting Accessories

Each sensor comes with a standard mount kit that includes fasteners to mount the sensor to a drywall or acoustic/drop tile ceiling. It also includes a 1/4-20 back plate to accommodate accessory mounts or standard camera mounts.

For installations that cannot use our standard mounting kit, the below accessories are available. Request a pricing sheet.



Extension Pole

Available in 22-40" (silver or white) or 10-18" (silver). Includes extension pole with bracket and screws. Used on any ceiling or wall type to lower the sensor from the ceiling or extend the depth from a wall.



Pivot Mount

Available in black or white. Includes pivot mount and screws. Used on any ceiling type, allowing to tilt the sensor in any direction.



Outdoor Models

Includes pre-assembled VIDX3 sensors enclosed in an outdoor-rated casing and cabling.

People Counting Sensor
High Mount Model

VIDX3 Series



TECHNOLOGY
3D stereo vision / Edge computing with artificial intelligence (AI)

Environment
Indoor
Outdoor models available

Data Privacy
4 privacy modes / data is only transmitted in text format and without any kind of personally identifiable information

Integration
API with documentation, data pushes, remote device management tool, count verification tool on-device

INSTALLATION / MOUNTING

Mounting options	Different mounting options available
Mounting height	**PC-VIDX3-SE:** 6.00 m to 14.00 m / 19.69 ft to 45.93 ft **PC-VIDX3-SE-L:** 6.00 m to 9.00 m / 19.69 ft to 29.53 ft **PC-VIDX3-SE-M1:** 9.00 m to 12.00 m / 29.53 ft to 39.37 ft **PC-VIDX3-SE-M2:** 11.00 m to 14.00 m / 36.09 ft to 45.93 ft **PC-VIDX3-SE-H:** 14.00 m to 16.00 m / 45.93 ft to 52.49 ft **PC-VIDX3-SE-UH:** 16.00 m to 20.00 m / 52.49 ft to 65.62 ft
Mounting angle (tilt)	+/-15° in x-axis +/- 5° in y-axis
Grounding	Sensor grounding is optional. The use of shielded cables is recommended.

TECHNICAL DATA

Operating voltage	Power-over-Ethernet, Class 0 (IEEE 802.3af, nominal 48V)
Power consumption	Maximum 7.5 W, 0.156 A
Operating temperature	0 °C to +45 °C (+32 °F to +113 °F)
Storage temperature	Long-term storage (max. 6 months): +5 °C to 35 °C/ +41 °F to +95 °F Transport (<1 month): -20 °C to +70 °C / -4 °F to +158 °F
Relative Humidity	20 to 80% (non-condensing)
Pollution Degree	PD2 (acc. to IEC 62368)
Ingress Protection	IP40 (acc. to IEC 60529)
Shelf Life	6 months
Dimensions	34.42 x 6.56 x 3.61 cm (13.55 x 2.58 x 1.42 in)
Weight	including mounting plate 685 g / 1.51 lb
Required illuminance	Minimum 2 lux
EMC	IEC 61326-1 EN-62368-1 CISPR 11 / EN 55011 CISPR 32 / EN 55032 CISPR 35 / EN 55035 FCC 47 CFR part 15 Edition ICES-001, Issue 5

INTERFACES

Ethernet	IEEE 802.3ab 1000Base-T (Gigabit Ethernet)
Connector	RJ 45
Cable	Up to 100 m / 328 ft, min. Cat-5e (shielded) or higher
PoE power source	Use power supplies compliant with all locally applicable safety standards
Communication protocols	IPv6, IPv4, DHCP, HTTPS, IEEE 802.1x and password-protected configuration access
Data push protocols	HTTP(S), FTP(S), SFTP, MQTT(S), TCP, UDP
On-board data storage	Up to 3 years (depending on the number of counters)

Coverage Chart

VIDX3-SE

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feet	L	W
19.69	17.23	14.76
20.01	17.76	15.13
20.34	18.29	15.50
20.67	18.82	15.87
21.00	19.36	16.24
21.33	19.89	16.61
21.65	20.42	16.98
21.98	20.96	17.35
22.31	21.49	17.72
22.64	22.02	18.09
22.97	22.56	18.46
23.30	23.09	18.82
23.62	23.62	19.19
23.95	24.16	19.56
24.28	24.69	19.69
24.61	25.22	19.69
24.94	25.76	19.69
25.26	26.25	19.69
25.59	26.25	19.69
25.92	26.25	19.69
26.25	26.25	19.69
26.58	26.25	19.69
26.90	26.25	19.69
27.23	26.25	19.69
27.56	26.25	19.69
27.89	26.25	19.69
28.22	26.25	19.69
28.54	26.25	19.69
28.87	26.25	19.69
29.20	26.25	19.69
29.53	26.25	19.69
29.86	26.25	19.69
30.19	26.25	19.69
30.51	26.25	19.69
30.84	26.25	19.69
31.17	26.25	19.69
31.50	26.25	19.69
31.83	26.25	19.69
32.15	26.25	19.69
32.48	26.25	19.69
32.81	26.25	19.69

feet	L	W
33.14	26.25	19.69
33.47	26.25	19.69
33.79	26.25	19.69
34.12	26.25	19.69
34.45	26.25	19.69
34.78	26.25	19.69
35.11	26.25	19.69
35.43	26.25	19.69
35.76	26.25	19.69
36.09	26.25	19.69
36.42	26.25	19.69
36.75	26.25	19.69
37.08	26.25	19.69
37.40	26.25	19.69
37.73	26.25	19.69
38.06	26.25	19.69
38.39	26.25	19.69
38.72	26.25	19.69
39.04	26.25	19.69
39.37	26.25	19.69
39.70	26.25	19.69
40.03	26.25	19.69
40.36	26.25	19.69
40.68	26.25	19.69
41.01	26.25	19.69
41.34	26.25	19.69
41.67	26.25	19.69
42.00	26.25	19.69
42.32	26.25	19.69
42.65	26.25	19.69
42.98	26.25	19.69
43.31	26.25	19.69
43.64	26.25	19.69
43.97	26.25	19.69
44.29	26.25	19.69
44.62	26.25	19.69
44.95	26.25	19.69
45.28	26.25	19.69
45.61	26.25	19.69
45.93	26.25	19.69