

V-Count Nano Product Details

Product Description



V-Count Nano represents the next generation of people counting sensors in the market, offering advanced sensing capabilities. It utilizes 3D Stereo Vision with a single lens that can adapt to various ceiling heights, making it suitable for different store types. Additionally, it complies with GDPR regulations.

It provides the broadest coverage with a dual fisheye lens, reducing the number of counters needed. The sensor is designed for superior heat dissipation, housed in an aluminum unibody casing, thus extending the lifespan of its electronic components.

V-Count Nano also offers low-light and night mode counting with external infrared light. It is designed to be water leakage-proof, enclosed in a splash-proof casing to mitigate common issues like water leakage from the ceiling.



Key Features of the V-Count Nano include:

- Accuracy of up to 99% and 95 % on average.
- Plug-and-play installation.
- Bi-directional counting.
- An exceptional Mean Time Between Failure (MTBF) of over 20 years.
- Accurate counting with video evidence.
- Improved 3D counting accuracy through superior processing power.
- WiFi connectivity.
- An optional staff exclusion add-on feature (it will be released in Q1 2024 with a software update).

Technical Details

Technology	Active 3D Stereo Vision
Sensor Dimensions	13.6 x 4.7 x 2.6 cm
Ideal Mounting Height	2.4m - 4m
Ethernet	100BaseT, RJ45
PoE	Enabled with midspan unit.
Adapter (DC In - USB-C type)	USB-C Type 5V 2.4A Adapter
Power Consumption	Max 12 W
Monthly Data Usage (Avg*)	20 MB
Network Access	HTTP / HTTPS and password-protected configuration access
Operating System	Linux Based V-Count OS
Time	NTP, Adjustable Time Zone, Automatic Daylight-Saving Adjustments
Data Storage	10 Years Offline Storage With Auto Synchronization
Privacy Level	3 Levels: Admin, Standard, Guest User
Protocols	IPv4, MQTT (secure) ,DHCP
Environment Specs	Operations Env: Temperature: 10°C to 45°C, Humidity: 10% to 90% Storage Env: Temperature: -40°C to 70°C, Humidity: 10% to 90%
Max Ethernet Cable Length	Cat5/Cat6,100Mbps (max 90m length)
Casing	Made by aluminium oxide alloy for dust resistance with 1mm tempered glass lens-covering.
Color	Pure White RAL9010 Jet Black RAL 9005
Data Backup	Yes
IR Illumination	840 nm

Characteristics: A protected operating system incorporating a multicore processor, an adaptive infrared system that adjusts based on lighting conditions, a device health assessment feature, and an integrated external watchdog.

Metric Installation Height

Height (cm)	Height (inches)	Horizontal Coverage (cm)	Horizontal Coverage (inches)	Vertical Coverage (cm)	Vertical Coverage (inches)
230	90.55	240	94.48	140	55.11
250	98.42	273	107.48	153	60.23
300	118.11	425	167.32	231	90.94
350	137.79	591	232.67	289	113.77
400	157.48	698	274.40	378	148.81

If you need support please get in touch via help@v-count.com.

If you have more questions and feedback regarding the product please get in touch via product@v-count.com.

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