

V-Count Ultima AI

Precise. All-In-One. Plug & Play



Product Description

Ultima AI is the next-generation AI-powered people counting sensor with the highest accuracy on the market and advanced sensing capabilities. **Ultima AI's all-in-one approach integrates multiple solutions into one sleek design.** It provides one common platform to accurately collect, analyze, and report a wide range of customer data, such as **bi-directional people count, age & gender recognition, staff exclusion, queue management, heatmap, group & zone counting, and live occupancy in your location.**

Ultima AI offers the highest sensor resolution. It is a precise all-in-one solution with easy plug & play functionalities.

And yes, it is fully compliant with **GDPR**.



2 Color Options: Black & White

Benefits

Industry-Leading Precision

A first-class technology with an **unprecedented accuracy of up to 99,9%** and HD resolution of up to 1280 x 720 active stereo depth. Ultima AI has the highest accuracy in occupancy measurement, with adult/ children/ non-human differentiation, and it counts crowds up to a million people in an hour.

All-In-One

It combines **all the solutions into the thinnest sensor on the market** with ultra-high performance. The built-in recessed mounting allows for easy and fast installation anywhere on any ceiling without any operational hassle.

Plug & Play

Forget about heavy cabling works. Ultima AI boasts two connection options;

- A built-in **E-sim global connection** to 3G & 4G
- Power-over-Ethernet.

Plug & play everywhere in seconds.

The Widest Field of View

With industry-leading wide coverage, Ultima AI can cover up to 7,5m at a 5,1m height, and up to 3,9m at a 3,2m height, **decreasing costs and improving eco-footprint.**

Night Vision

Powered by Active Stereo Vision Technology, we redefine the limits of sensor vision, making it **the only active stereo sensor in the world to count in complete darkness**, no miscounting.

Smart Auto-Calibration

Ultima AI removes the human element out of the equation with auto-calibration approach. It has the flexibility to **sense all the way up to 9m without changing the sensor.** One sensor to save you the hassle, time, and money.

Relentless Durability

Ultima AI is designed to **withstand the toughest weather conditions**, from -5 C to 60 C.

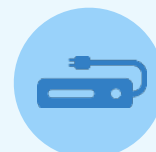
Key Features



Unmatched Accuracy Up To 99,9%



All-in-one Solution



Plug & Play



Night Vision



Global Connectivity



The Widest Field of View

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Technical Details

Sensor Dimensions	(Circular Cover) Diameter: 115mm, Depth: 21.8mm
Installation Height	2.2m - 9.0m
Field of View (approx. at 5m)	72°
Data Transfer	PoE: IEEE802.3af (48 V DC)
Power Consumption	13W
Monthly Data Usage (Avg*)	18.29 MB
Interface	HTTP / HTTPS
Operating System	Linux Based V-Count OS
Time	NTP, Adjustable Time Zone, Automatic Daylight-Saving Adjustments with RTC (Up to 30 Days)
Ethernet Connection	10/100 MBPS
GSM Connection	eSIM (Optional)
I/O Connection	GPIO pins and RS485 (Optional)
Data Storage	20 Years Offline Storage With Auto Synchronization
Minimum Lux	0 (up to 4m)
User Levels	3 Levels: Admin, Standard, Guest User
Cabling	Cat5 - Cat6
Environment Specs	Operations Env: Temperature: -5°C to 60°C, Humidity: 10% to 90% Storage Env: Temperature: -40°C to 70°C, Humidity: 10% to 95%
Max Ethernet Cable Length	90m - Cat6

Made in UK

Got questions? Send us an email at sales@v-count.com