

FootfallCam 3D Plus™ AP FC-F3DP01

FootfallCam 3D Plus™ use the same chipset and component and is embedded with a powerful 1GHz processor, specifically to run its complex video processing algorithm. Our GPU Processor is powered by the latest algorithm which uses both colour and texture pattern to identify the person, producing far superior accuracy than when using colour pattern alone. FootfallCam is equipped with lenses which provide super wide-angle view in ensuring good depth of view as compared to telephoto lenses.



Key features

- Stereovision technology
- Widest field coverage
- Bi-directional counting
- Accurate counting with video proof
- Easy to install and setup

Power Unit Specifications	
Power Over Ethernet (PoE)	Yes (IEEE802.3at)
PoE Mode	Mode B
Consumption	5w
AC input	110V – 240V, 50/60Hz

Software Specifications	
Interface	Http; Https
User Levels	2 levels: Administrator, Standard User
Operating System	Footfall Counter OS
Ethernet	10/100 Mb Ethernet
Data Delivery	TCP/IP
Database Type	SQLite
Report format	csv, .xml, .txt
Data Storage	50 Years storage with auto sync
Data Backup	Yes

For more information on Software Specifications, please refer to [FootfallCam Analytic Manager Datasheet](#)

Counter diagnosis

Our counter is equipped with the simple RGB LED light which change colour based on the status of the power, system and the network stability. This enables the simple diagnose of the hardware issues which can efficiently lower the support cost required.

LED Colour	Diagnosis
● Blue Light	Everything is working
○ No Light	Power Issue
● Yellow Light	Cable Issue
● Green Light	Network Issue
● Red Light	System Issue

Specifically designed for Airports

1. **Visitor count**
Counting Ins and outs, (measure store performance, find out if bad performing stores were due to low footfall or bad sales effort, measure marketing response.)
2. **Dynamic queue counting**
Track the queue line and determine the average wait time of customers, and send an alert to management when the number of people waiting exceeds the threshold
3. **Passenger queue playback**
Tracked data are stored in the database, and the queue counting view can be replayed later for in-depth analysis of critical passenger flow situations.
4. **Area profiling**
Enlarged overview of the airport premise to determine which area is crowded and which area is underutilised

Key Specifications	
Device Dimension	Device dimensions (WxDxH): 246mm x 46mm x 28mm
Weight	Device weight: 0.6 kg; Package weight: 1.02kg
Cameras	2x 5MP resolutions Lens: 100° - Versatile ceiling height range. Accommodate most installation environment
Ideal Mounting Height	5 metres - 40 metres (Based on product variations)
RAM	1 GB
Casing	Aluminum oxide alloy, Water and dust resistant
Field Upgradable	Auto Software upgrade
Power	Power over Ethernet: 47V DC, 0.12A (6W)
Illumination	Minimum 300 lux
LEDs	LEDs troubleshooting for counting issues
Environmental Specs	Operating environment: Temperature 10°C to 45°C, Humidity 10% - 90% Storage environment: Temperature -40°C to 80°C, Humidity 10% - 95%
Thermal Conductivity	235W/mK
Output	5MP Omni vision 5647 Camera Module
Frame Rate	15 fps - Live Stream will only display 320x420 resolution to reduce bandwidth sent to database for verification purpose
Storage	Micro SD, 8 GB memory
Cabling	Cat5, Cat6
Tracking Technology	3D- Spacing Mapping Video tracking technology, Background removal on static objects
Firmware Feature	Dual Operating System, Hardware watchdog, Multicore processor
IP Rating	IP 31
Origin	Made in the UK

