

## 3D People Counter for High Ceiling

# 3D Extend™



Product Code: FC-F3D03

### AI POWERED 3D STEREO VISION PEOPLE COUNTING

- Stereo Vision Technology
- Real-time Occupancy Counting
- Widest field coverage
- Bi-directional Counting
- Accurate Counting with Video Proof

### VIDEO COUNTING

- Counting ins and outs (measure store performance, data collection for analysis of store performance, measure marketing response).

### DYNAMIC QUEUE COUNTING

- Track the queue line and determine the average wait time of passengers and send an alert to management when the number of people waiting exceeds the threshold.

### 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.

### AREA PROFILING

- 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.

### TECHNICAL DATA

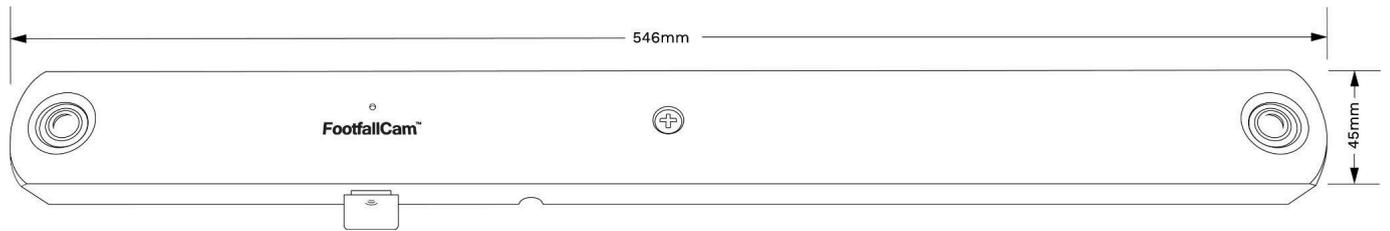
Device Dimension (mm)	550 (W) x 49 (D) x 33 (H)
Packing Dimension (mm)	580 (W) x 125 (D) x 60 (H)
Weight	Device: 0.8 kg Packing: 1.41 kg
Camera	2x 5MP, 160°, 5MP omni-vision 5647 camera modules, Parabolic 65°, 55° and 33° (Versatile ceiling height suitability for most installation environments)
Illumination	Minimum 300 lux
Frame Rate	15 fps (Live Stream of counting will only display 320x240 resolution to reduce bandwidth sent to the database for verification purpose)
LEDs	LEDs troubleshooting for device status
Casing	Made by Aluminium oxide alloy
Storage	Built-in, 8 GB memory External Micro SD slot (supports up to 128 GB)
Processor	1GB, 1.2 GHz
IP Rating	IP31
Ideal Mounting Height	4.5 metres - 20 metres (Based on product variations)
Operating Environment	Temperature 10°C to 45°C, Humidity 10% to 90%
Storage Environment	Temperature -40°C to 70°C, Humidity 10% to 95%
Tracking Technology	3D-Spacing Mapping Video Tracking Technology and background removal on a static object.
Firmware Features	Auto firmware upgrade. Dual operating system, hardware watchdog, multicore processor.
Power Over Ethernet	Yes (IEEE802.3at)
PoE Mode	Mode A/B
Power Consumption	6W
Cabling	Cat5e/Cat6, 100Mbps
Origin	Made in the UK

### FIRMWARE SPECIFICATION FOR DEVICE LEVEL

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
Firmware Feature	Dual Operating System, Hardware watchdog, Multicore processor

For more information about FootfallCam Software, kindly refer to [FootfallCam Analytic Manager V9 datasheet](#)

## PRODUCT DIMENSION



## COVERAGE TABLE

Footfallcam 3d Extend™				
Lens	Angled 160°	Angled 65°	Angled 55°	Angled 33°
Ideal Mounting Height	4.00 m – 9.00 m	5.50 m – 12.00 m	12.00 m – 16.00 m	15.00 m – 20.00 m
Coverage Area(M) (Horizontal Fov X Vertical Fov)				
4.0	6.56 x 4.89			
4.5	7.87 x 5.87	4.59 x 3.42		
5.0	9.18 x 6.85	5.36 x 3.99		
5.5	10.50 x 7.82	6.12 x 4.56		
6.0	11.81 x 8.80	6.89 x 5.13		
6.5	11.81 x 8.80	7.35 x 5.48		
7.0	11.81 x 8.80	8.42 x 6.28		
7.5	11.81 x 8.80	8.82 x 6.57		
8.0	11.81 x 8.80	9.95 x 7.42		
8.5	11.81 x 8.80	10.29 x 7.67		
9.0	11.81 x 8.80	11.02 x 8.22		
9.5		11.75 x 8.75		
10.0		11.75 x 8.75		
10.5		11.75 x 8.75		
11.0		11.75 x 8.75		
11.5		11.75 x 8.75		
12.0		11.75 x 8.75	10.15 x 7.57	
12.5		11.75 x 8.75	10.63 x 7.93	
13.0		11.75 x 8.75	11.12 x 8.29	
13.5		11.75 x 8.75	11.60 x 8.65	
14.0			12.08 x 9.01	
14.5			12.08 x 9.01	
15.0			12.08 x 9.01	8.27 x 6.16
15.5			12.08 x 9.01	8.57 x 6.39
16.0			12.08 x 9.01	8.88 x 6.62
16.5				9.18 x 6.85
17.0				9.49 x 7.07
17.5				9.80 x 7.30
18.0				10.10 x 7.53
18.5				10.41 x 7.76
19.0				10.71 x 7.99
19.5				11.02 x 8.22
20.0				11.33 x 8.45

Do you need further information or have a question? Please visit [www.footfallcam.com](http://www.footfallcam.com)

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