

Bar & Nightclub Occupancy Management

For managing the influx of visitors during busy hours.

BAR & NIGHTCLUB REQUIREMENTS

- By law, the nightclub needs to ensure that occupancy does not exceed the licensed capacity.
- For crowd control, it is necessary to ensure that
 - The capacity limit is not breached
 - Control access to the bar for suspicious individuals based on the blacklist
- Maximise customer experience and overall attendance while avoiding excessive queuing.
- Management needs to be alerted to any extraordinary circumstances.
- Reliable, accurate measurements for mission critical operations.

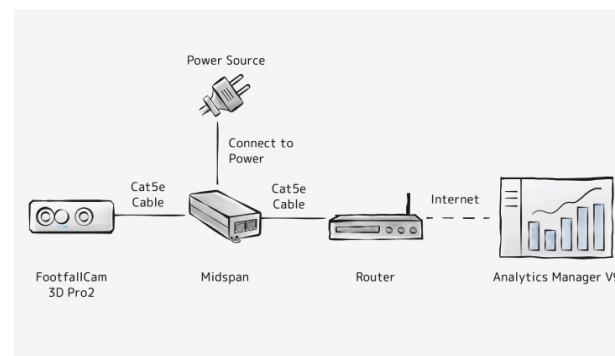
[Case Studies >>](#)



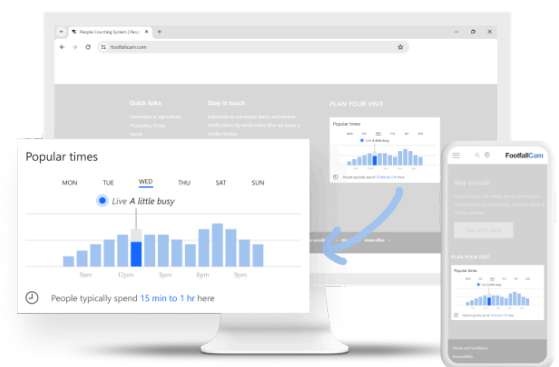
Widely deployed in Bars and Nightclubs

SYSTEM DESIGNS

- 3D Pro2 footfall counter
 - Has IR LED - works well in a low light environment.
 - Staff exclusion button to exclude staff from the counts.
 - Configuration to exclude guard hovering around the door
- FaceCam - Facial recognition at the door to scan all faces.
 - Real-time sends out notifications when a VIP or Blacklist is detected.
 - App to add/remove VIP and Blacklist
- Live Ticker at the entrance
 - Helps security guards to manage occupancy
 - Can manually adjust if there is a perceived discrepancy.
- "Busyness" widget on public website
 - To manage expectations of your customers
 - Help to spread out the traffic, and would increase the overall attendance.
- V9 software - Management's Business Intelligence
 - Profiling and benchmarking each site's SLA and KPIs.
 - Quantifying breaches and identifying improvement plans.
 - Planning staff and food ordering based on predicted traffic in the next two weeks.



Cabling Diagram



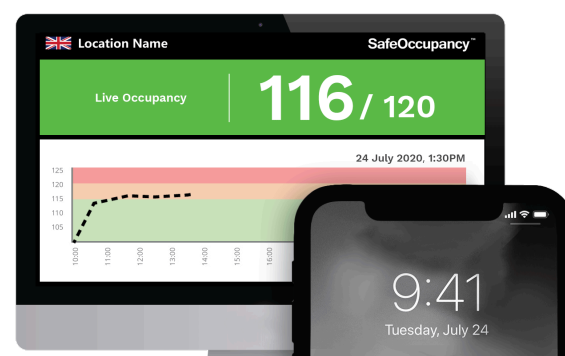
"Busyness" Widget on websites

Equipment:

- [FootfallCam 3D Pro2 \(IR\)](#) - Count visitor In/Out on entrances under low light environment
- [Staff Exclusion Button](#) - to discount the staff footfall.
- [FaceCam](#) - Facial recognition of the visitors (VIP, Blacklist)
- [Live Ticker](#) - Live dashboard to display the occupancy of the premise.
- [FootfallCam V9 Cloud](#) - Reporting Software

Installations:

- FootfallCam 3D Pro2 is using Cat5e/Cat6 cables connecting to the premise's network switch. PoE injector is included for POE power source.
- FaceCam and Live Ticker are connected to 3D Pro2 using RS485



Live Occupancy Dashboard and Alerts

- cable, and can be daisy chained.
- Accuracy tuning of the Pro2 people counter - inclusive in the 3D Pro2 purchase
- Install yourself or by a FootfallCam approved installer

Use Cases

Metrics:

- [Seating Occupancy](#), [Visit Duration](#), [Number of Visitors](#)
- Predictive analysis - based on historical patterns, weather, holidays

Use Cases:

- **Visitors:** Widget on the website to view the 'busyness' of the bar/nightclub.
- **Security Guard:** Live occupancy display to manage capacity limits, facial recognition to control visitor access or refuse entry.
- **Bar/Nightclub Manager:** Planning product ordering and managing inventory supplies.
- **Bar/Nightclub Owner:** Assessing seating availability, staff number SLA review for all branches.
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Maintainability:

- Dedicated Account Manager
- Self Support: [Health Check](#), [Support Helpdesk](#)
- Support Contract: [Support Contract Template](#).

Data Exports:

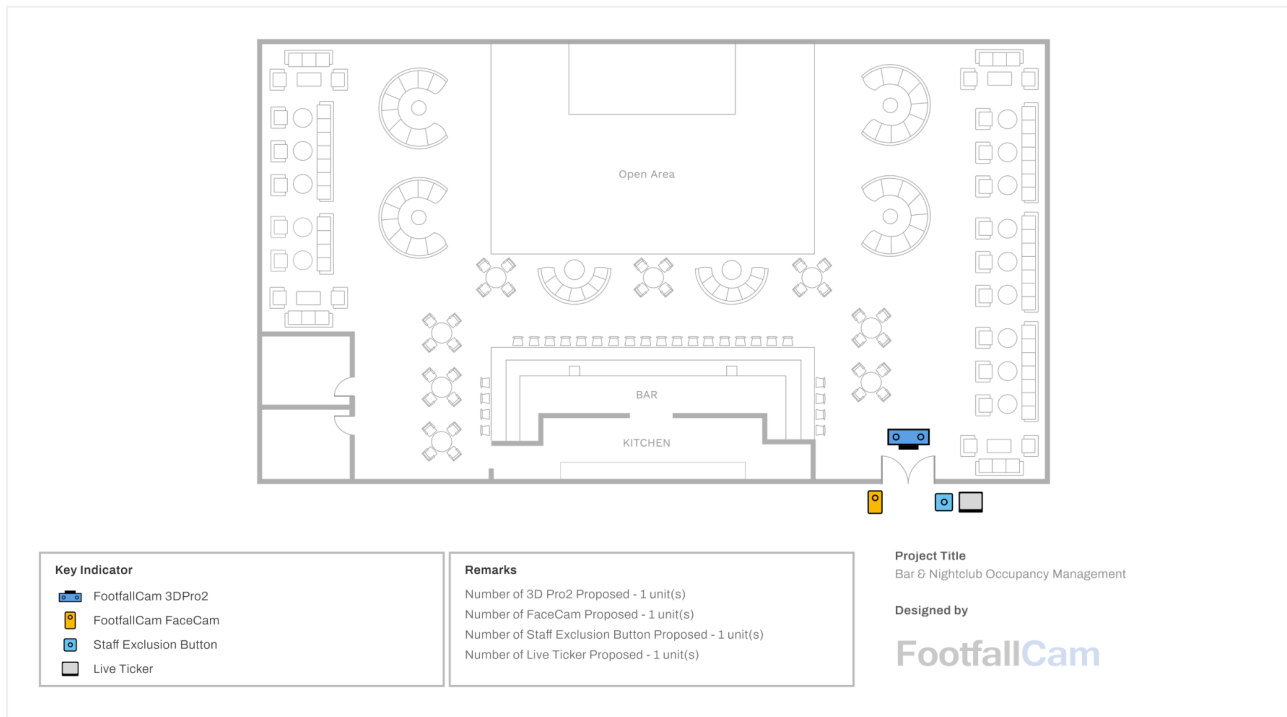
- 4x export methods: [Download or Email with Excel or CSV](#), [FTP](#), [PowerBI connectors](#), [custom API](#).

NEXT STEPS

Buying Process:

- Trial for one 3D Pro2 (IR) at the entrance to assess the full functionalities
- RFQ - [Request for Quotation template](#)
- [Explore more >>](#)

FLOOR PLAN DESIGN



Executive Summary

- ✓ Comply to the licensed capacity - Automate capacity management at all times.
- ✓ Easy management of VIP and suspicious individuals' access with auto detection function.
- ✓ Improve Visitor Experience - Visitors can pre-plan their journeys and avoid disappointments.
 - With greater visibility, busy hour traffic would be evenly spreaded out.
 - With real time alerts, managers can rectify traffic overflow immediately.
- ✓ Reduce waste - Predictive analysis to estimate the amount of food to order in the coming week.
- ✓ Cost effective.

References:

- FootfallCam 3D Pro2 People Counter [Datasheet](#)
- Staff Exclusion Button [Datasheet](#)
- FootfallCam V9 Cloud [Datasheet](#)
- FaceCam [Datasheet](#)
- Live Ticker [Datasheet](#)
- [Service Level Agreement \(SLA\)](#)