✖ FootfallCam™

COUNTER INSTALLATION GUIDE
FOOTFALLCAM 3D COUNTERS

Step 1 *Company Account Sign Up*

⚠ **IMPORTANT**
Company details must be registered before the installation is carried out onsite.

1) An activation email will be sent to user's registered email address.

2) User needs to complete the registration by entering required field information and click on SUBMIT.

3) After login, go to **Setting** > **Counter Management** page to add site. Once site is created, an unique **pairing code** will be generated.

** SEND PAIRING CODE TO INSTALLER **

Pairing code is unique for each site and is required to connect the counter(s) to FootfallCam Analytics Software.

ⓘ **Note:** User may export IT Infrastructure Work Sheet with pairing code for multiple sites under Counter Management page and send to installer.
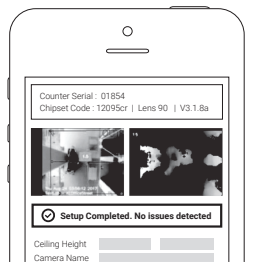
Step 2 *Connect Up the Counter*

1) Install counter according to the counter proposed location.
(Please refer to Part 1: Determine the Correct Counter Position)

2) **Cable installation** from the counter to the router.
(Please refer to Part 2: Wiring Setup Instructions)
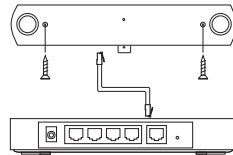
Step 3 *Configure the Counter*

1) Login and complete the **Counter Setup Wizard**.
(Please refer to Part 3: Configuring the Counter)

✓ **Setup Completed. No issues detected**

Counter Serial : 01854
Chipset Code : 12095cr | Lens 90 | V3.1.8a

✓ Setup Completed. No issues detected

Ceiling Height
Camera Name

What's Installer Need To Bring

1) Cat5e network cable: Cable length depends on distance between the router and the counter

2) RJ45 crimp tool: To terminate Cat5e network cable

3) Screw drivers and drill

4) Ladder: Ladder type depends on the ceiling height

## Part 1 Determine the Correct Counter Position

⚠ **IMPORTANT**
Please make sure the counter live view is not blocked by any drop down obstacle (e.g. decorations, exit signage, bulk head, wall, etc.). Otherwise, it may affect the accuracy of the result due to the limited tracking zone.

To calculate the clearance distance required between counter and the drop down obstacle, please access to ***www.footfallcam.com/Calculator***.
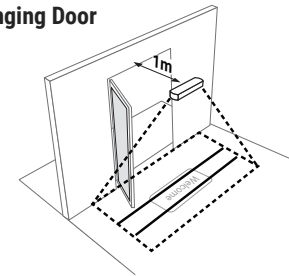
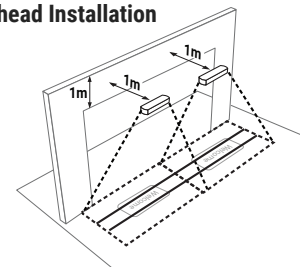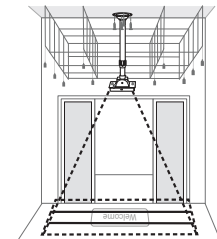Counter live view is blocked partially by the drop down obstacle.
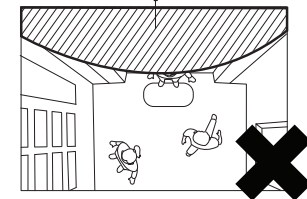
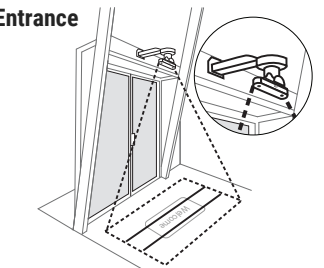**1. Non-Swinging Door**
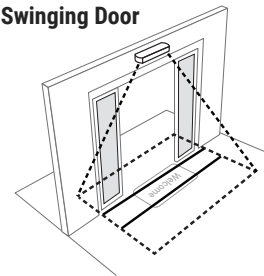
2. Swinging Door

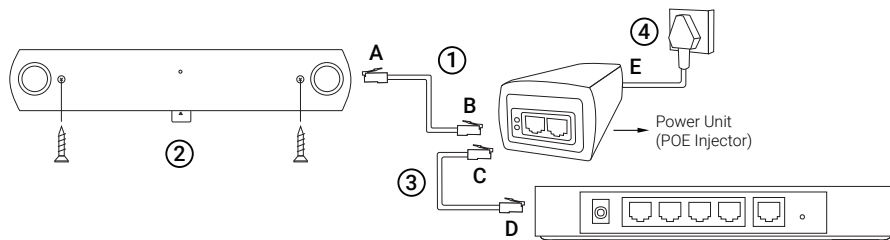**3. Bulkhead Installation**

4. Open Ceiling Environment

5. Slanted Ceiling

Not Flat
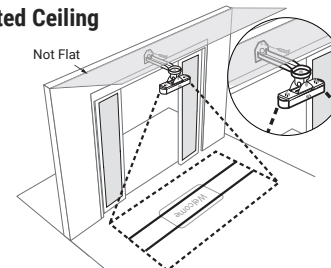
6. Glass Entrance

Part 2 Wiring Setup Instruction

Power Unit
(POE Injector)

1) CONNECT TO POE INJECTOR

Run 1x Cat5e network cable from (A) counter to (B) POE injector. (port labelled "To Counter")

2) PLUG IN COUNTER

Plug in the counter and secure it onto the ceiling with 2x screws.

3) CONNECT TO ROUTER

Run another Cat5e network cable from (D) router to (C) POE injector. (port labelled "To Network")

4) POWER ON

Connect the POE injector and turn on (E) power plug.

CRIMP NETWORK CABLE PLUGS

The Color code of ethernet cable **MUST** only follow the T568B Standard to terminate.

Pin	Wire Color	Wire Diagram
1	White - Orange	
2	Orange	
3	White - Green	
4	Blue	
5	White - Blue	
6	Green	
7	White - Brown	
8	Brown	

1 2 3 4 5 6 7 8

(i) **Note:** Without following the colour code ordering, it may caused cross talk interference.

LED LIGHT INDICATIONS

| LED Color	Messages	
No Light	**Counter is not powered up** Check the power cable and the Cat5e cable connected between counter and midspan.	LED Light
Yellow	**Network cable is not connected** Check the cable connection, re-crimp the cable following the correct color codes (T568B Standard).	
Green	**Network or gateway issue(s)** Maybe due to no proxy settings, incorrect IP or port is blocked.	
Red	**System cannot boot up** Reboot the counter by power-off and turn it on again after 5 minutes.	
Blue	**Everything OK**	

Part 3 Configuring the Counter
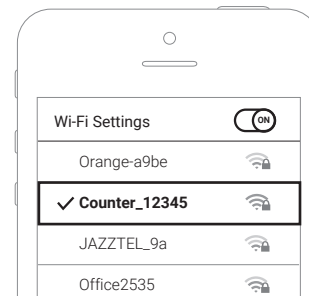
① LOGIN TO COUNTER SETUP WIZARD

Go to the list of available Wi-Fi networks on your mobile device, select the counter SSID e.g. **Counter_12345** and connect with password **counter888**.

Type *http://192.168.4.1* in the browser and login with password **123456**.
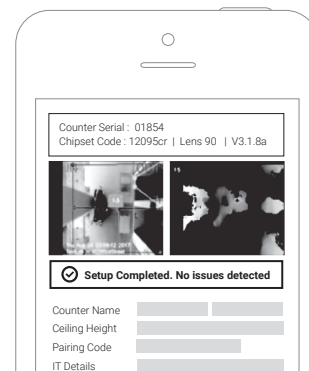
② CONFIGURE THE COUNTER

Input the following details:

|		
Counter Name	-	Naming the counters from left to right: SiteName1, SiteName2, etc.
Ceiling Height	-	Measure and fill in **ceiling height** from floor to the mounting height.
Pairing Code	-	Connect the counter to FootfallCam Analytics Manager via unique Pairing Code.
IT Details [Optional]	-	Fill in the information needed: Server Address, IP Setting, Proxy Setting, etc.

JOB COMPLETION CHECKLIST ✓

For a successful completion of the installation, please resolve all the issues as highlighted in the Setup Wizard home page until you get the **"Setup Completed"** message.
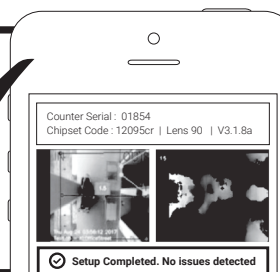
FOR MORE INFORMATION, PLEASE REFER TO:

 User Manual For FootfallCam 3D Counters

 Datasheet For FootfallCam 3D Plus

 Datasheet For FootfallCam 3D Plus 2

 Datasheet For FootfallCam 3D Max

 Datasheet For FootfallCam 3D Max 2