Tailgating

Quick Installation Guide

Last updated 2021.03.26

Pre Installation Checklist

What's included in the package

- ❏ 2 x Dahua IP Cameras
- ❏ 1 x USB Flash Drive (to be plugged into the GateKeeper)
- ❏ 1 x Installation Guide

What installers need to prepare

- ❏ 2 x 12V 1A DC Power Adaptors or PoE injecting switch
- ❏ 2 x Ethernet Cables

What needs to be available on site

- ❏ 2 x AC Main power socket or PoE injecting networking switch
- ❏ 2 x Free ports on router or switch
- ❏ 1 x Gatekeeper unit

Please note: Power supplies are NOT included. Power to the cameras can be wired in by mains or supplied using Power of Ethernet (PoE) with compatible network devices.

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Powering your Business

Camera Positioning

There are two cameras in the Tailgating system: The **Overhead** camera looks at the tops of people's heads as they enter, every guest should pass through the middle of this camera's view. The **Evidence** camera needs to provide a clear view of the entering guest's face.

Overhead Camera
- Mounted inside the facility
- Facing perpendicular to the floor
- Middle of the entrance path, at least one meter from door or further if the door opens inwards
- As high as possible from the floor

Evidence Camera
- Mounted inside the facility
- Facing the door, usually on a wall opposite the door
- Be able to capture faces clearly

Installation Steps

1. Plug the USB flash drive in to the GateKeeper
2. Install the cameras in good positions as per examples below
3. Connect Ethernet cables from cameras to the local network. Ensure that the Gatekeeper is connected to the same network device as the cameras
4. Connect power adapters and power on cameras (if not using POE)
5. Go to GymMaster: Settings > Doors & Readers > **[edit]** the door detecting TG, then use the **[Check Cameras]** button to verify their connection
6. Use the **[Preview ... Camera]** buttons to preview a snapshot of the camera's view. Adjust the orientation of the camera as required

Once the cameras have been installed please contact the GymMaster support team. Please don't hesitate to get in touch should you require any assistance.

Thank you,
The GymMaster Team
Email: support@gymmaster.com
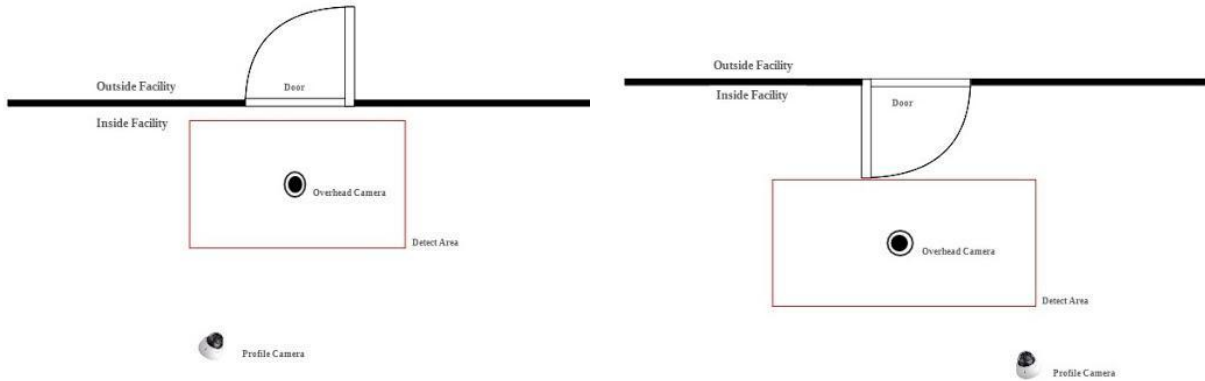
Overhead Camera Installation Examples

Outside Facility
Inside Facility
Door
Overhead Camera
Detect Area
Profile Camera

Outside Facility
Inside Facility
Door
Overhead Camera
Detect Area
Profile Camera

Figure 1 & 2: Difference in overhead camera position when the opening door obstructs the camera view

Door
Outside Facility
Overhead Camera
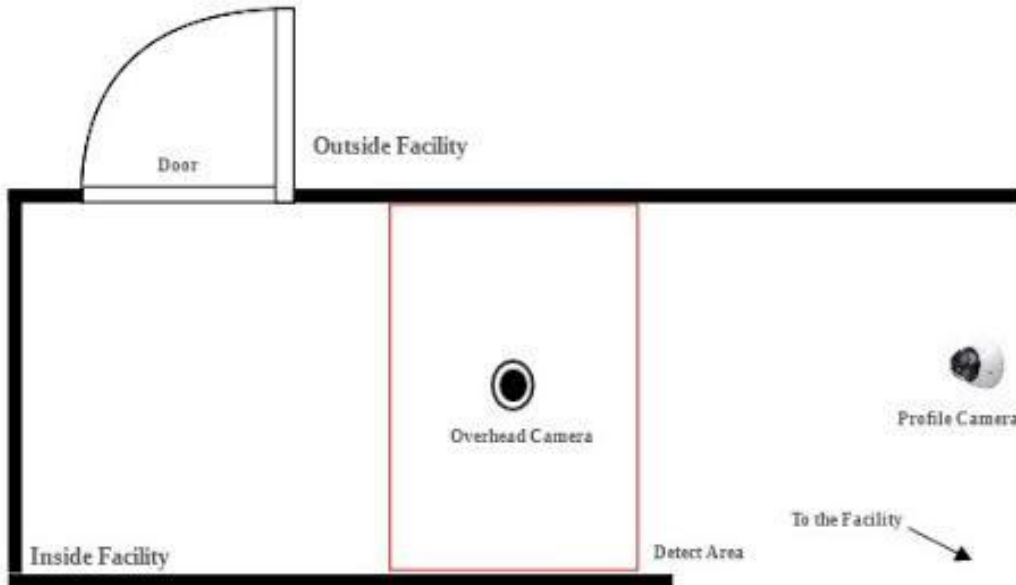Profile Camera
To the Facility
Inside Facility
Detect Area

Figure 3: Position of overhead camera with narrow passageway