

Grandstream Networks, Inc.

GDS3725/GDS3726 - Quick Installation Guide



Introduction

GDS3725 and GDS3726 are IP Video Door Stations that also serve as high-definition IP surveillance cameras and IP intercoms, delivering robust facility access control and security monitoring for buildings of all sizes. These advanced IP video door systems feature a 152-degree wide-angle lens for wall-to-wall coverage, AI ISP intelligent image processing, a built-in IC & ID card reader, and an NFC chip. They include two microphones and one speaker for full-duplex intercom functionality and offer alarm-in and alarm-out support for integration with existing security systems.

The devices are fully manageable through Grandstream’s free GDS Manager utility, which allows control of ID and IC card data, video feeds, and system configurations. A free mobile app is also available, offering user-friendly access control management, remote door unlocking, and multi-method door access.

Equipped with a powerful AI Image Sensor Processor and advanced image algorithms, the GDS3725 and GDS3726 deliver 1080p Full HD video with clear visibility even under extremely low light conditions—up to 3 meters from the installation point. They support PoE, include white LED fill lights, motion detection, stay detection, and provide expandable interfaces such as DI/DO/RS485 for further integration.

Combined with Grandstream’s GSC357X Control Stations, GXV video phones, GS-Wave mobile app, and GNS network storage, the GDS3725 and GDS3726 offer a complete end-to-end solution for access control, video intercom, and security recording.

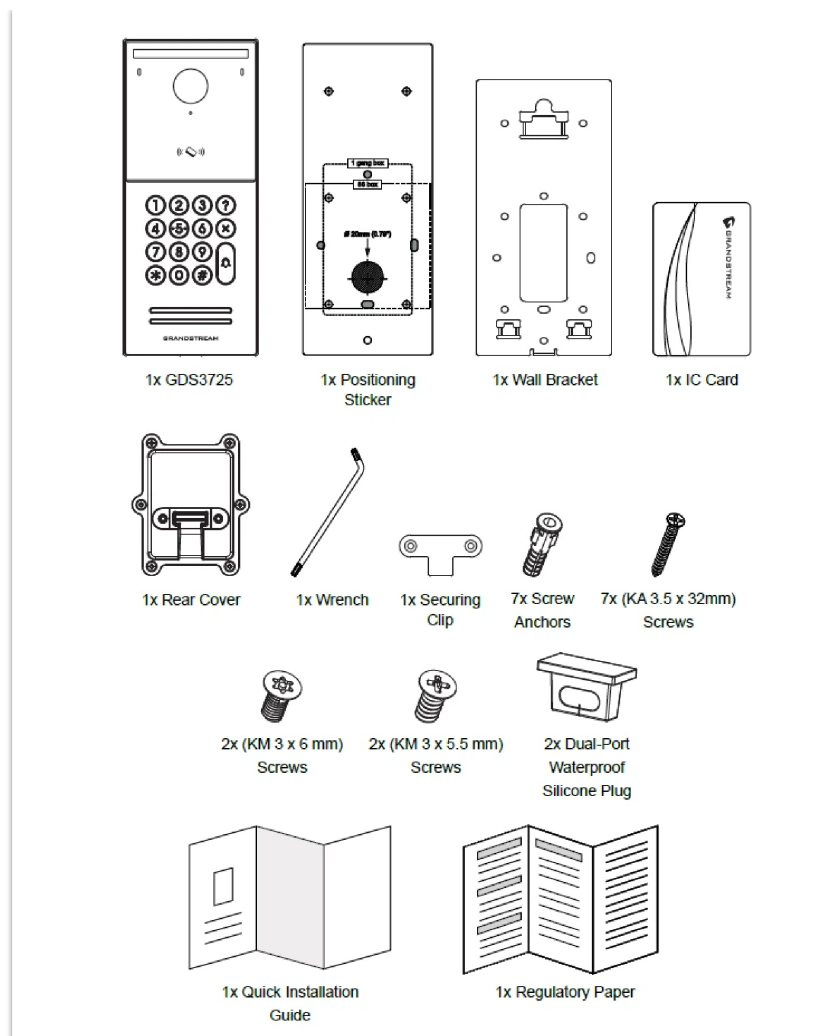
Precautions:

- Do not attempt to disassemble or modify the device.
- Do not expose this device to temperatures outside the range of -30 °C to 60 °C for operating and -30°C to 70°C for storage.
- Do not expose this device to environments outside of the following humidity range: 10-90% RH (non-condensing).
- Do not power cycle the device during system boot-up or firmware upgrade. You may corrupt firmware images and cause the unit to malfunction.

Package Content

◦ **GDS3725**

● 1 x GDS3725. ● 1 x Positioning Sticker. ● 1 x Wall Bracket. ● 1 x IC Card. ● 1 x Rear Cover. ● 1 x Wrench. ● 1 x Securing Clip.	● 7 x Screw Anchors. ● 7 x (<i>KA 3.5 x 32mm</i>) Screws. ● 2 x (<i>KM 3 x 6mm</i>) Screws. ● 2 x (<i>KM 3 x 5.5mm</i>) Screws. ● 2 x Dual-Port Waterproof Silicone Plug. ● 1 x Quick Installation Guide. ● 1 x Regulatory Paper.
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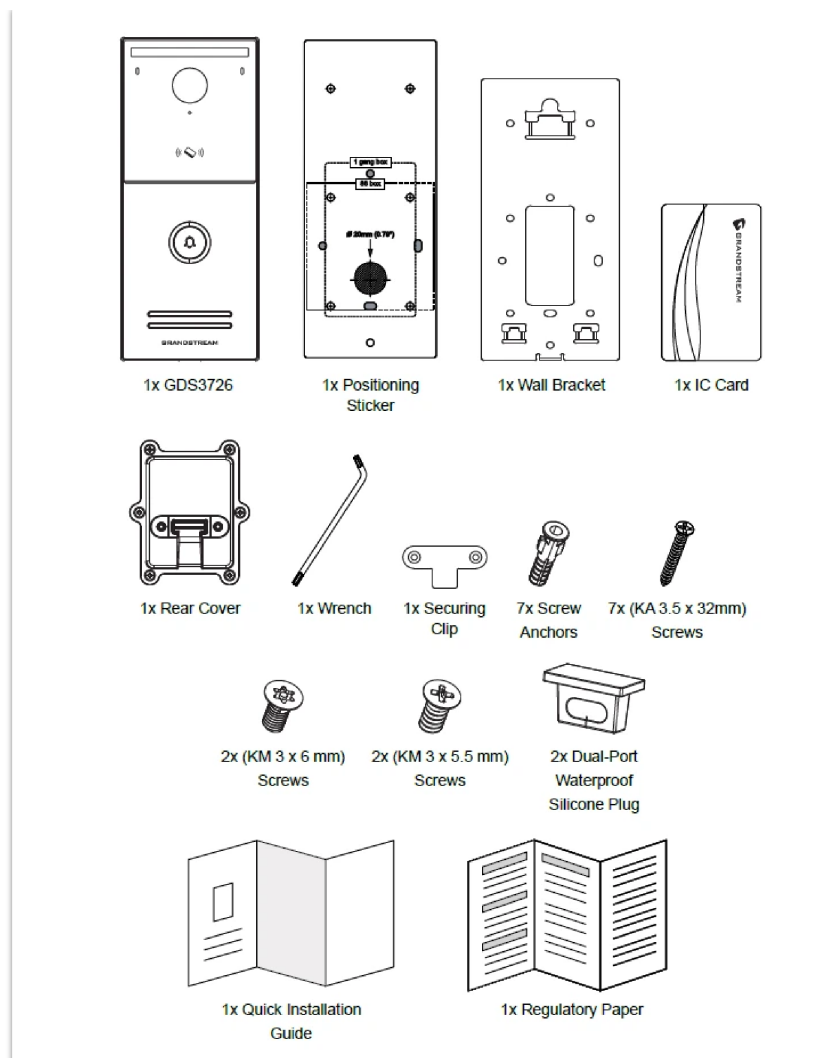


GDS3725 Package Content

o **GDS3726**

- 1 x GDS3726.
- 1 x Positioning Sticker.
- 1 x Wall Bracket.
- 1 x IC Card.
- 1 x Rear Cover.
- 1 x Wrench.
- 1 x Securing Clip.

- 7 x Screw Anchors.
- 7 x (KA 3.5 x 32mm) Screws.
- 2 x (KM 3 x 6mm) Screws.
- 2 x (KM 3 x 5.5mm) Screws.
- 2 x Dual-Port Waterproof Silicone Plug.
- 1 x Quick Installation Guide.
- 1 x Regulatory Paper.



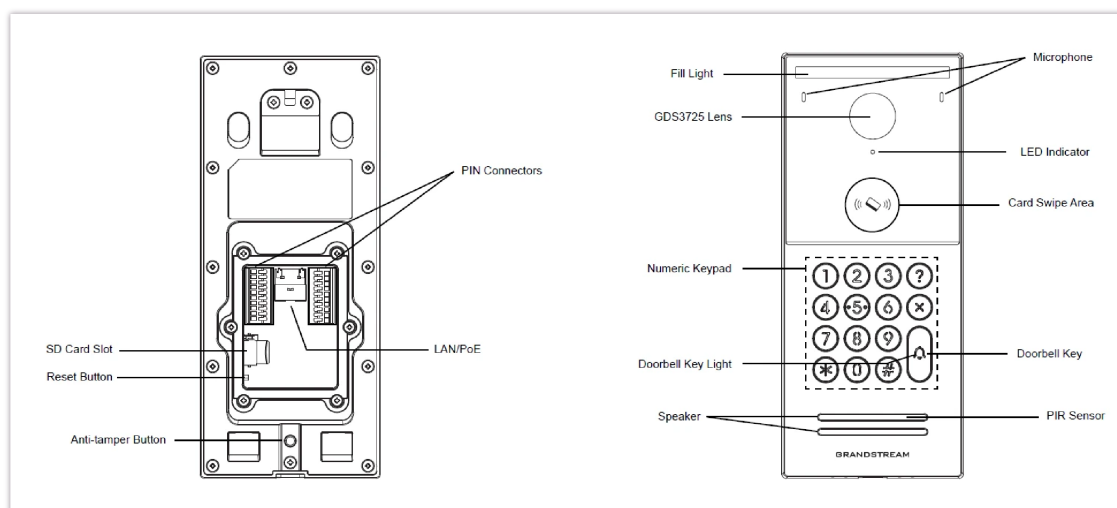
GDS3726 Package Content

Note

Check the package before installation. If you find anything missing, contact your system administrator.

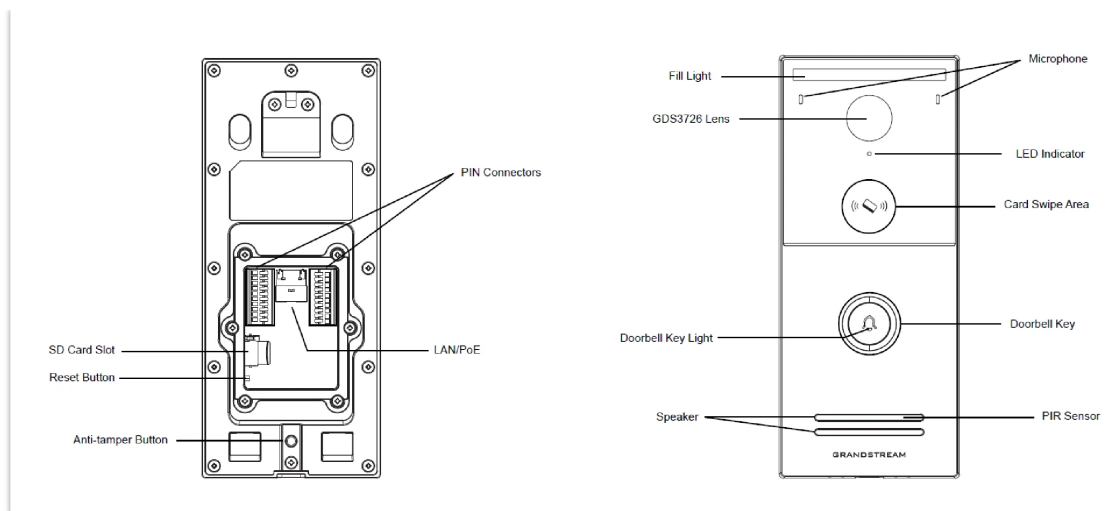
Description of the GDS3725/GDS3726

The figure below shows a description of the back and front views of the GDS3725 IP Video Door Station:



GDS3725 Front and Back View

The figure below shows a description of the back and front views of the GDS3726 IP Video Door Station:



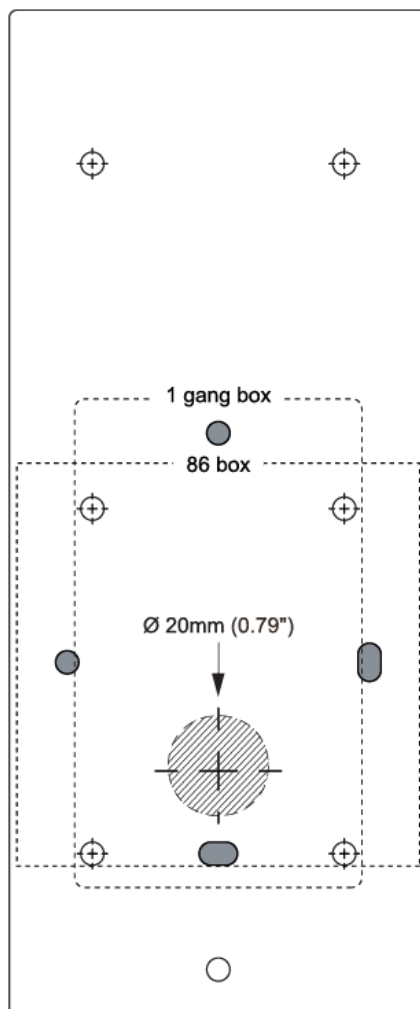
GDS3726 Front and Back View

GDS3725/GDS3726 Wall Mount Installation

This section provides detailed instructions for installing the GDS3725/GDS3726 IP Video Door system on a wall using one of the following methods:

- With a 1-gang box
- With an 86 box
- Direct wall mount (no box)

A **positioning sticker** is included in the package to ensure accurate and aligned mounting across all installation types.



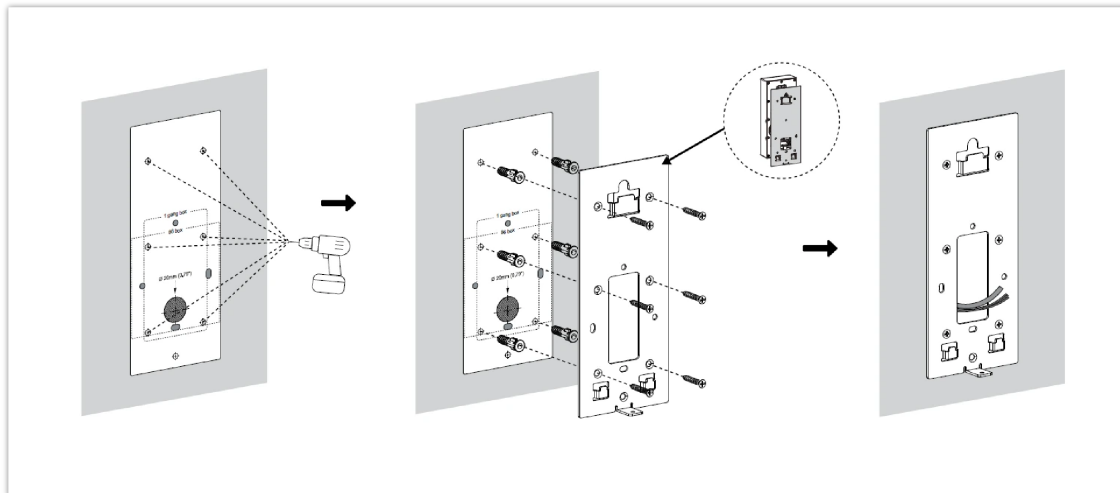
Please follow these steps carefully to ensure a weather-protected and tamper-resistant installation:

1. Place the provided **positioning sticker** on the wall at the desired mounting height.
2. Using the markings on the sticker as a guide, drill holes at the indicated positions.

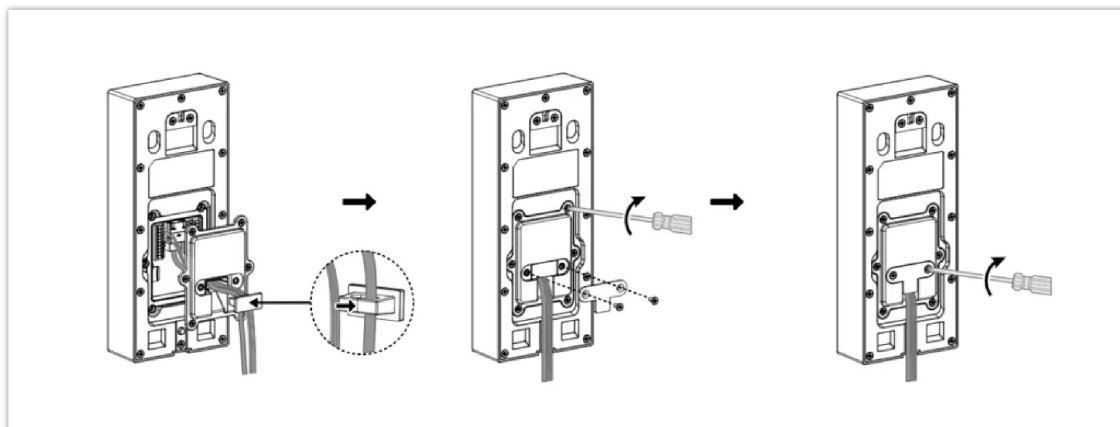
Note

Drill patterns may vary depending on the selected installation method (1-gang box, 86 box, or direct wall mount).

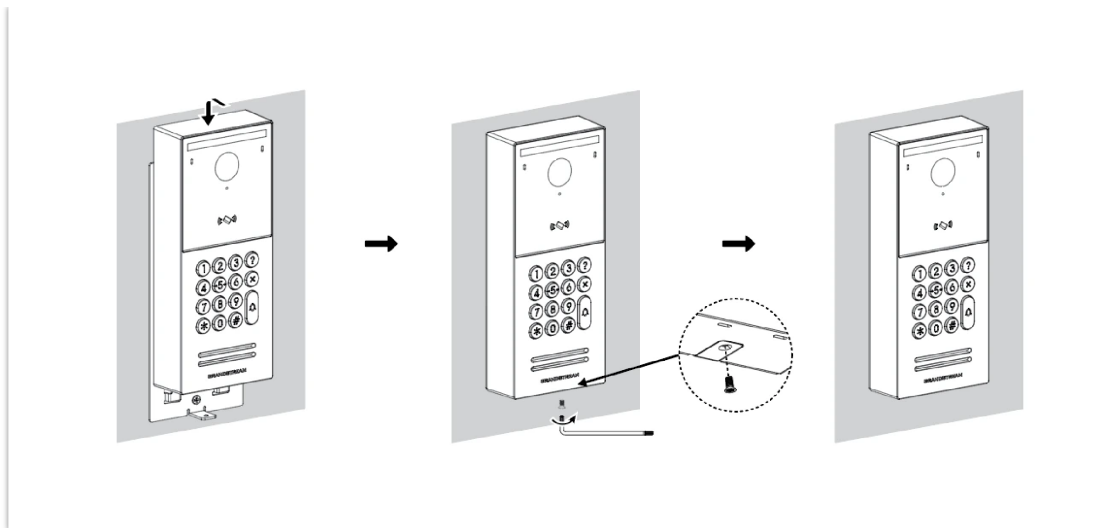
3. Insert the supplied **screw anchors** into the holes.
4. Secure the **wall-mounted bracket** using the included **KA 3.5 × 32mm self-tapping screws**.



5. Route the necessary cables (power, network, door strike, etc.) through the center opening of **the bracket**.
6. Insert the **waterproof silicone port plug** into the cable exit area at the bottom of the **rear cover** to protect and organize the cables.
7. Place the **rear cover** onto the bracket, aligning it with the screw holes.
8. Secure the rear cover by placing the **securing clip** on top of it.
9. Fix the securing clip using the included **KM 3 × 5.5mm screws**.



10. Place the device onto the wall-mounted bracket.
11. Use a wrench to tighten the **KM 3 × 6mm screw**, securing the door station to the bracket.

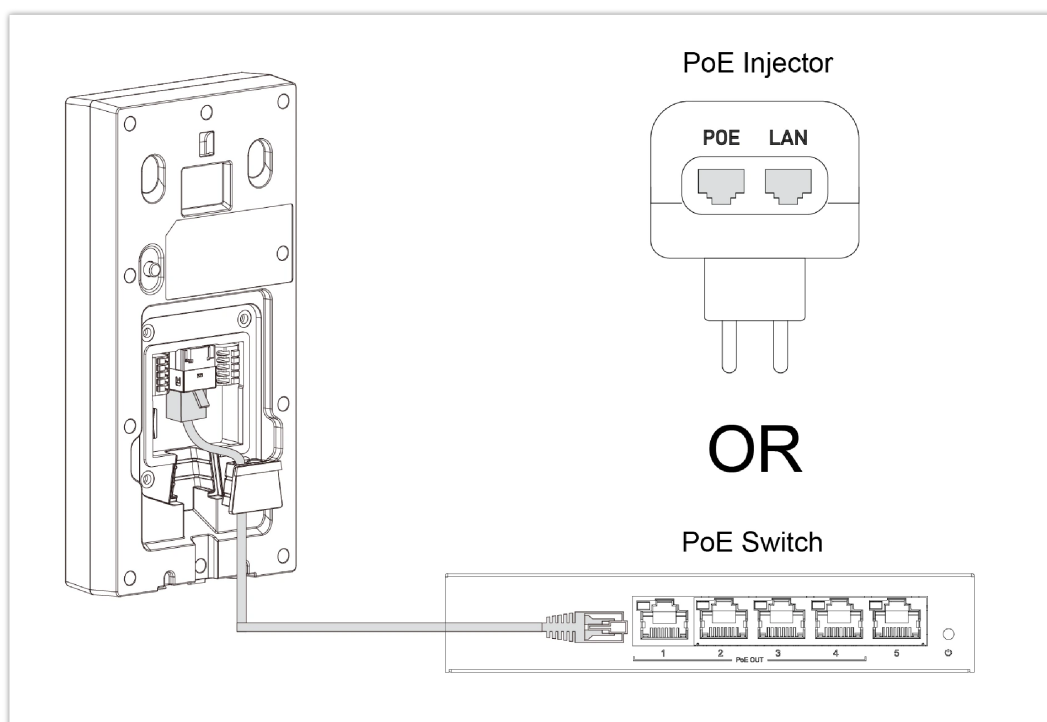


Powering the GDS3725/GDS3726

The GDS3725/GDS3726 IP Video Door Station can be powered using PoE or PSU:

Using PoE (Suggested)

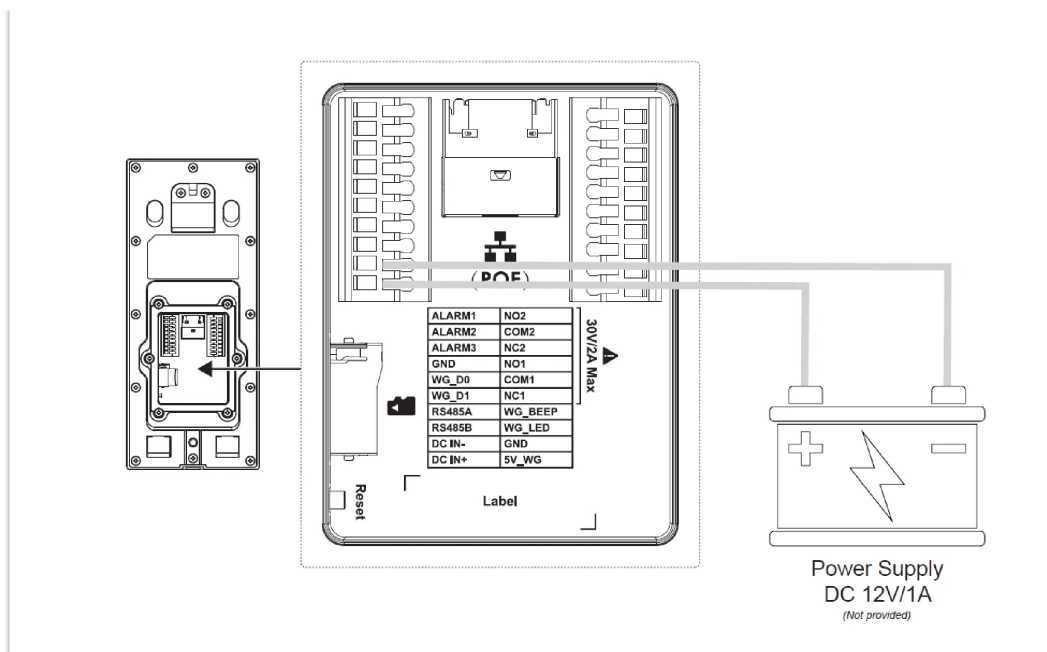
- Connect the other end of the RJ45 cable to the PoE switch.
- A PoE injector can be used if a PoE switch is not available.



Powering the GDS3725/GDS3726 Using PoE

Using Power Supply Unit (Not Provided)

- Connect the other end of the RJ45 cable to a network switch or router.
- Connect a DC 12V power source via the related cable to the correct pins of the GDS3725/GDS3726.

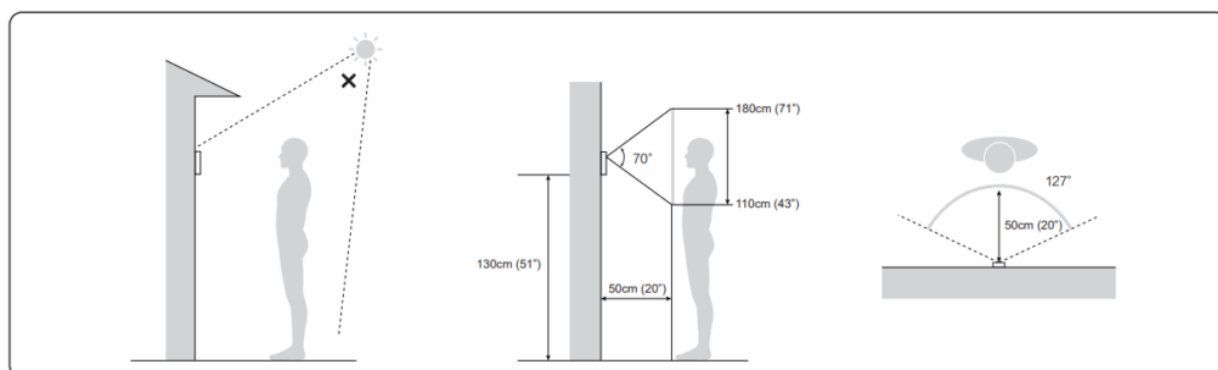


Powering the GDS3725/GDS3726 Using Power Supply

Monitored Angles

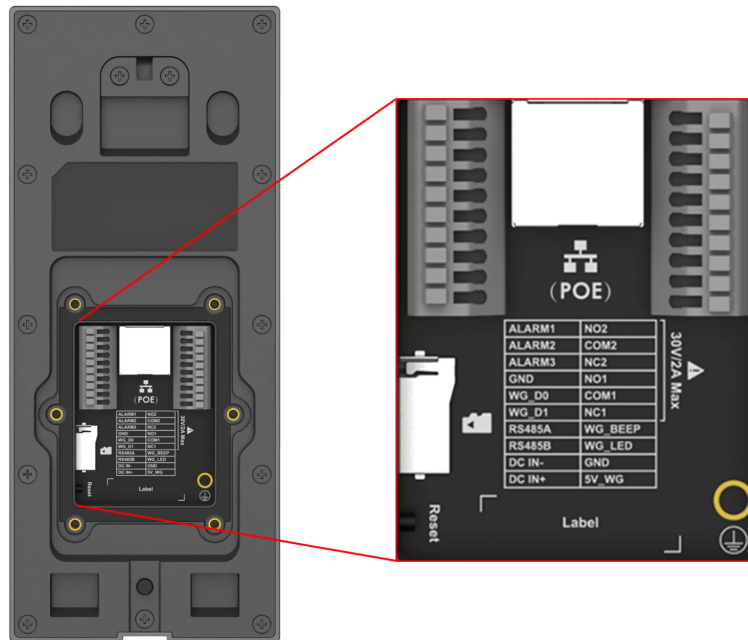
To ensure optimal video coverage and intercom usability:

- **Mount the camera lens at 130 cm (51") height** from the ground.
- **Ideal face detection height** is approximately 110 cm (43").
- Maintain a **clear front space of at least 50 cm (20")**.
- The device provides a **127° horizontal** and **70° vertical field of view**, covering a wide area effectively.
- **Avoid direct exposure to strong light sources** (e.g., sunlight) to prevent image distortion.



GDS3725/GDS3726 Wiring Connection

The GDS3725/GDS3726 provides a terminal block interface for power, relay control, alarm integration, RS-485 communication, and Wiegand input/output. Below is a detailed explanation of each pin and its function:



GDS3725GDS3726 Wiring Connection

Connector	Function	Note
Network Port(PoE)	Ethernet and PoE Supply	Single 10/100Mbps network port, supports 802.3 af PoE power supply.
ALARM1	Alarm Input 1	Input for external devices (e.g., door contacts, sensors, or exit buttons).
ALARM2	Alarm Input 2	
ALARM3	Alarm Input 3	
GND	Alarm Ground	Common ground reference for alarm inputs.
RS485A	RS485 Communication (+)	Positive line for RS485 differential signal.
RS485B	RS485 Communication (-)	Negative line for RS485 differential signal.
DC IN-	Power Supply (-)	Negative terminal for DC power input.
DC IN+	Power Supply (+)	Positive terminal for DC power input. Supports a wide voltage range DC 9V–36V .
NO2	Relay Output2	For “ Fail Secure ” (Locked when Power Lost) Strike, connect COM2 & NO2 .
COM2		For “ Fail Safe ” (Open when No Power) Magnetic Lock, connect COM2 & NC2 .
NC2		Relay: 30VDC/2A.
NO1	Relay Output 1	For “ Fail Secure ” (Locked when Power Lost) Strike, connect COM1 & NO1 .
COM1		For “ Fail Safe ” (Open when No Power) Magnetic Lock, connect COM1 & NC1 .
NC1		Relay: 30VDC/2A.
WG_BEEP	Wiegand Buzzer Control	Output to trigger the external Wiegand reader buzzer.
WG_LED	Wiegand LED Control	Output to control the LED status of the external Wiegand reader.
GND	Wiegand Ground	Ground for the Wiegand signal and power lines.

5V_WG	Wiegand Power Supply	Provides 5V power for an external Wiegand reader.
⏏ (Chassis Ground)	Frame Ground	Screw/metal ring used to connect the device frame to the building's earth ground for surge protection and EMI shielding.
SD Card Slot	Data Storage	Maximum capacity 256GB.
Reset Button	System Reset	Press and hold to restore to factory defaults.
PIR	Motion Detection	Supported, detects motion 3–5 meters (10–16 feet) in front of the device.
Tamper Button	Tamper Detection	It prevents violent demolition.

GDS3725/GDS3726 Wiring Connection

Accessing the GDS3725/GDS3726

In order to access the GDS3725/GDS3726 unit, please refer to the sections below.

Notes:

- To access the GDS3725/GDS3726 web interface, your computer must be connected to the same local network (subnet) as the GDS3725/GDS3726. (This is typically done by connecting your computer to the **same router, hub, or network switch** as the device.)
- If no hub or switch is available (or if all ports are in use), you can also connect the GDS3725/GDS3726 **directly to your PC's Ethernet port** using a network cable and configure both devices with compatible static IP addresses.

Accessing the GDS3725/GDS3726 via Dynamic IP (DHCP)

By default, the GDS3725/GDS3726 is configured to automatically obtain an IP address from a DHCP server, such as your network router. This method is suitable for most typical office or home setups.

To connect the GDS3725/GDS3726 to your network, please follow the instructions below:

1. Use an Ethernet cable to connect the GDS3725/GDS3726 to a router, network switch, or access point with DHCP enabled.
2. **Power the device** using **one** of the following methods:
 - **PoE (Power over Ethernet):** The GDS3725/GDS3726 supports **IEEE 802.3af Class 3**, allowing it to receive power and data over a single Ethernet cable.
 - **Power Adapter:** Connect a DC 12V power source via the related cable to the correct pins of the GDS3725/GDS3726.
3. After the device powers on, it will receive an IP address from the DHCP server. You can locate this IP using the tools mentioned in the following sections.

Using GS Search to Retrieve the GDS3725/GDS3726 IP Address

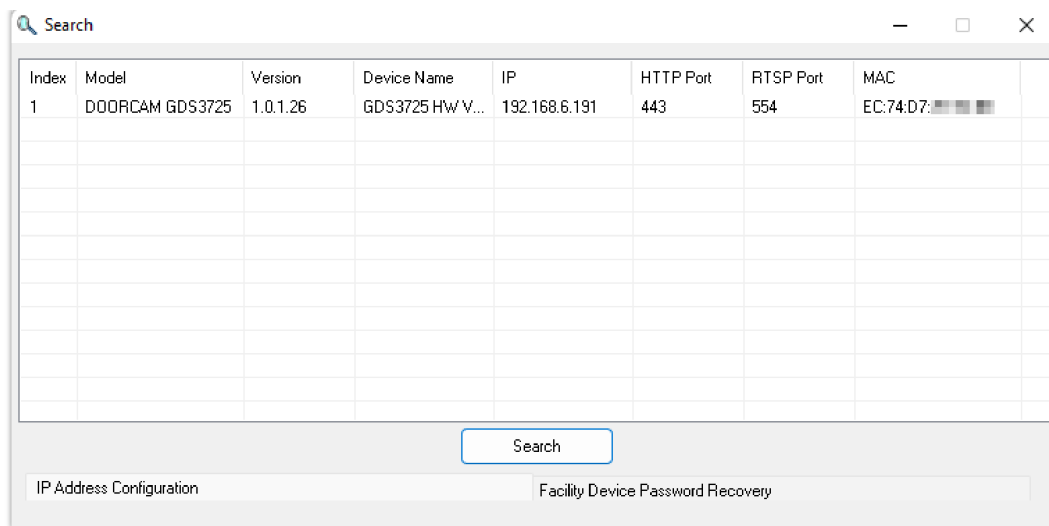
GS search is a program that is used to detect and capture the IP address of the Grandstream facility management solution devices. Below are instructions for using the "GS Search" utility tool:

1. Download the GS Search utility tool from the Grandstream website using the following link: [GS_Search](#)
2. Double-click on the downloaded file, and the search window will appear.
3. Click on



button to start the discovery for Grandstream devices.

4. The detected devices will appear in the output field like below.



GS Search Discovery

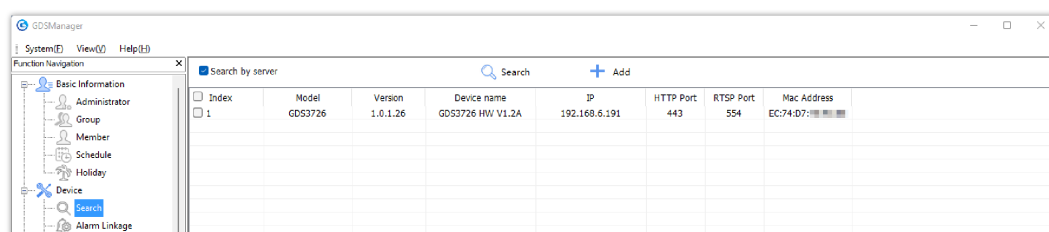
Using the GDS Manager Utility Tool to Retrieve the GDS3725/GDS3726 IP Address

Users can retrieve the IP address assigned to the GDS3725/GDS3726 from the DHCP server log or using the Grandstream GDS Manager after installing this free utility tool provided by Grandstream.

1. Download the GDS Manager utility tool from the Grandstream website using the following link:
<https://www.grandstream.com/support/tools>
2. Install and run the Grandstream GDS Manager, a client/server architecture application. The server should be running first, then GDSManager (client) later:



3. On the GDS Manager, access **Device** → **Search** and click on the **Search** button to start device detection
4. The detected devices will appear in the output field like below:



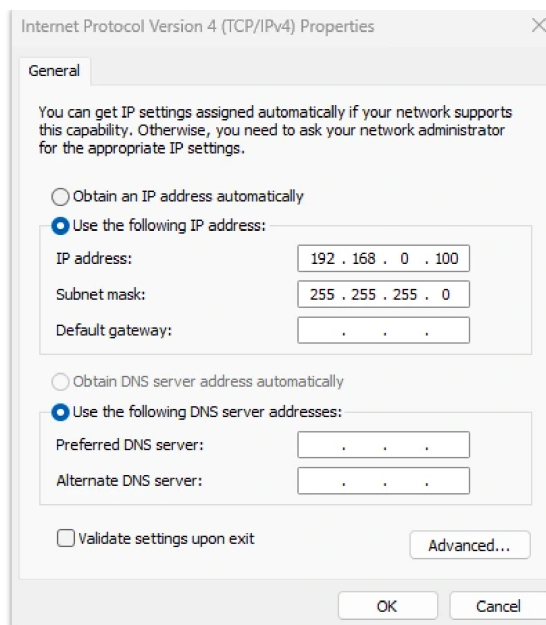
GDS3725GDS3726 Detection

Accessing the GDS3725/GDS3726 via Static IP

If there is no DHCP server in the network, or the GDS3725/GDS3726 does not get an IP from the DHCP server, users can connect the GDS3725/GDS3726 to a computer directly, using a static IP to configure the GDS3725/GDS3726.

If no DHCP server is available or the DHCP request times out (after 3 minutes), the GDS3725/GDS3726 will use its default static IP address: **192.168.0.160**

1. Connect the Ethernet cable from GDS3725/GDS3726 to the computer network port directly.
2. Configure the computer using Static IP: **192.168.0.XXX** (1 < XXX < 255, **except for 160**) and configure the "Subnet mask" to **"255.255.255.0"**. Leave the "Default Gateway" to **"Blank"** like below:



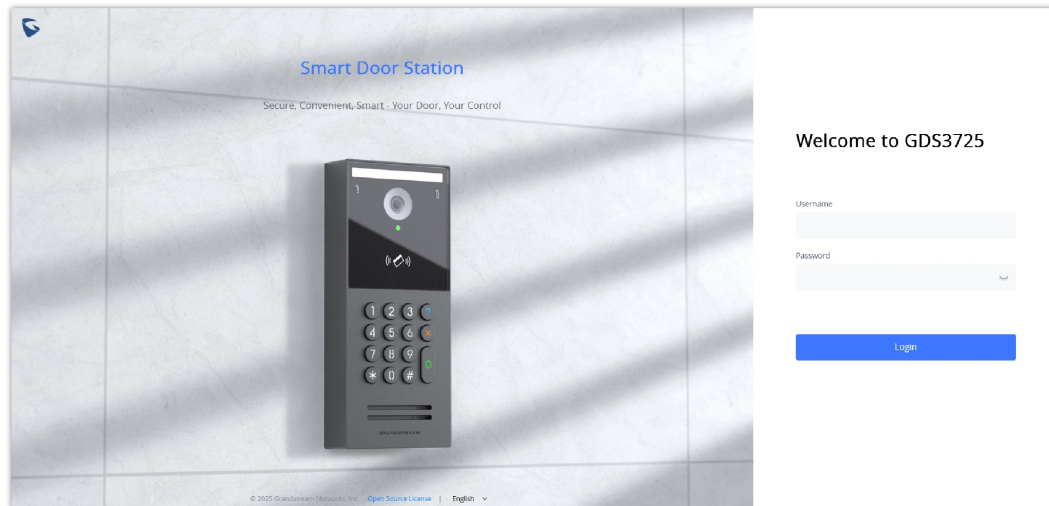
Static IP on Windows

4. Power on the GDS3725/GDS3726, using a PoE injector or external DC power.
5. Enter **192.168.0.160** in the address bar of the browser to access the GDS3725/GDS3726 Web UI.

GDS3725/GDS3726 Web UI Login

Once the GDS3725/GDS3726 is accessed through its IP address (whether static or dynamically assigned), the embedded Web User Interface (Web UI) will load in the browser. This interface allows administrators to configure and manage the device.

Upon accessing the Web UI, a **login screen** will appear prompting for credentials:



GDS3725 Web UI Login



GDS3726 Web UI Login