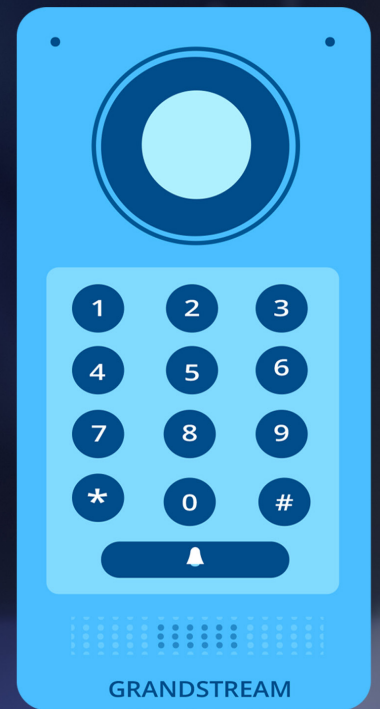


Buyer's Guide

GDS series of

IP Door Systems



GRANDSTREAM

CONNECTING THE WORLD



Your Facility Access, Physical Security and Intercom Solution

The GDS series of IP Door Systems offers a customizable solution to track, manage and record access to any physical building or room. It also provides additional security through a built-in intercom and 180-degree IP video surveillance camera (GDS3710). The weatherproof GDS series also offers additional state-of-the-art functionality when combined with other Grandstream solutions. If you are considering the purchase of the GDS series, this buyer's guide is for you.

Who is the GDS series for?



The GDS series is the ideal device for any setting that needs to track, manage, monitor and restrict access to any building, room or enclosed area. It's also ideal for any business who needs to log employee check-in and check-out times.

What can the GDS series do for you?

Track & Manage Access to Any Room or Facility



Allow access to facilities and rooms through any GDS device with use RFID cards and fobs as well as PIN codes. Use our free management software, GDS Manager, to create and manage RFID or PIN permissions, set time rules and schedules, track all activity, and more.





A Powerful Video & Audio Intercom



Pair the GDS series with Grandstream's IP voice and video telephony solutions to create a powerful audio and video (GDS3710) intercom and door entry solution. GDS series devices make SIP extension calls to Grandstream voice and video endpoints, which can seamlessly open doors connected to any GDS device.



A Security Gatekeeper



Easily track, manage and restrict access while having a streaming intercom connection. The GDS3710 adds a 180-degree hemispheric camera to offer a video camera & intercom. Configure GDS series devices to proactively alert other SIP devices when security events such as motion detection occur.

GDS Manager: Your Free Office Management Tool



GDS Manager is your office and attendance management platform. Track and manage employee check-in and check-out times, view video (GDS3710) and data from multiple GDS, create and manage RFID cards, fobs or PIN codes, plus more.



24/7 All-Weather Support



The GDS series is built with a weatherproof and vandal resistant casing to protect it in any environment and weather condition. They have also performed flawlessly in temperatures ranging from -30 degrees Celsius to 60 degrees Celsius. No matter the conditions or the location, the GDS will perform.



Choosing the Right GDS series model for your needs

For Video & Audio - GDS3710



The GDS3710 is an IP Video Door System that also serves as an HD IP surveillance camera and intercom to offer facility access control and security monitoring for buildings of all sizes. It features a built-in 180 degree, 1080p HD hemispheric camera (GDS3705 does not include a camera) for video security and intercom, built-in RFID chip reader for secure keyless entry, built-in microphone and speaker to support intercom functionality and offers alarm-in and alarm-out support for integration with existing security devices. Its zinc alloy aluminum case adds weatherproof and vandal-resistant protection.



Full HD Video



Keyless Entry



Weatherproof



Hemispheric Camera



Motion Detection



Dual Microphones



HD Loudspeaker



Easy Installation

Sample Deployment





For Audio only - GDS3705

COMING SOON!

The GDS3705 was built for users looking for a strong audio-only facility access and security monitoring solution that can be deployed in environments of all sizes. This audio door system offers intercom functionality and secured keyless or key entry. The GDS3705 comes equipped with weatherproof and vandal resistant zinc alloy metal casing and offers alarm-in and alarm-out support for integration with existing security devices.



Keyless Entry



Weatherproof



Audio Intercom



HD Loudspeaker



Easy Setup

Sample Deployment





Integrating the GDS series with Your Grandstream Solution

Integrate the GDS series with other Grandstream solutions to build a powerful facility access management, security and intercom solution. This integration also allows the GDS series to proactively alert Grandstream IP phones through SIP calls when configured security events occur, like motion detection (GDS3710).



GXV series IP Video Phones for Android™

- Video intercom (with GDS3710)
- Live calls to/from GDS devices
- Open doors with press of key
- Receive security alerts from GDS series



GXP series High-End IP Phones

- Audio Intercom with any GDS
- GDS3710 video snapshots on GXP21xx
- Open doors with press of key
- Receive security alerts from GDS series



WP series (WiFi) & DP series (DECT) Cordless IP Phones

- Audio Intercom with any GDS
- Offers wireless control of GDS
- Open doors with press of key
- Receive security alerts from GDS series

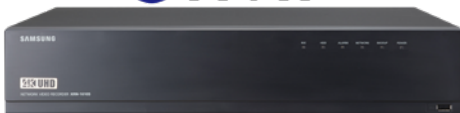


Grandstream Wave Softphone App

- Audio and video intercom connection
- Open doors with press of key
- Offers mobile control of GDS
- Receive security alerts from GDS series

Third Party Product Integrations

NVRs and NASs



Integrate the GDS series with third party ONVIF compliant network video recorders and network attached storage devices to save all video (GDS3710) and audio recordings.

Other Security Products



By using its alarm-in and alarm-out ports, the GDS series can be integrated with existing security devices, or any added in the future. This includes door openers, sirens, alarms, motion sensors and more.



Installing the GDS series



Since GDS series deployments usually require integration with electrical systems in order to open doors, we recommend they be installed by a licensed electrician. Many electricians have experience working with door systems, and many installers and integrators are also licensed electricians.



On-Wall

In-Wall

1. Physical installation: In-wall installation or on-wall installation

There are 2 main ways to install GDS series devices in any location: on wall, in which the device will extend out from a wall, or in-wall, in which the device will be mounted flush within the wall. All models include the on-wall kit, while the in-wall kit is available for separate purchase.

2. Add it to your network and configure based on desired solution



Add the GDS device to your SIP network and set it as an extension (if desired) to allow it to communicate with other endpoints on your network. Then, use GDS Manager, to program PIN codes, RFID cards, access rules, time schedules, intercom structure, etc.

For detailed installation instructions:

[GDS3710 User Manual](#)

[GDS3710 Quick Installation Guide](#)

GDS3705 User Manual (coming soon)

GDS3705 Quick Install Guide (coming soon)

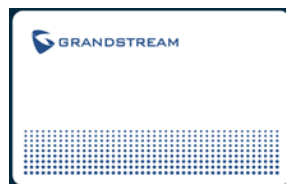
GDS series Accessories

All accessories must be purchased separately. For more information, check out the [GDS Accessories Datasheet](#).



USB RFID Card Reader

Install it anywhere and connect via USB to a computer running GDS Manager to allow all RFID Card activity to be tracked, monitored and managed centrally.



RFID Card

This non-writable proximity induction card is easy to setup and use, and therefore is ideal for use in a wide range of applications.



RFID Key Fob

This non-writable proximity induction fob is easy to setup and use, and therefore is ideal for use in a wide range of applications.



In-Wall Mounting Kit



The GDS series In-Wall Mounting Kit offers a flush mount within a wall rather than on the surface of the wall. It supports solid wall, stud and drywall (hollow wall) installation. Please follow local building and electrical code. It is suggested that the mount be installed with the bottom of the GDS device 50-55 inches above the ground.

Included in the Box

- 1 installation bracket
- 1 cover plate
- 1 plastic box
- 1 drill template
- Quick reference guide
- 1 metal frame
- 6 piece anchor and screw set
- 12 screws (2 different lengths)
- 12 nuts (two different styles)
- 6 anti-tamper screws
- 1 anti-tamper hex key

Required In-Wall Space 99.8mm (3.93 inches) x 193.88mm (7.63 inches), 35mm deep (1.38 inches)

Click here: [In-Wall Mounting Kit Instructions](#)

GDS series Comparison Chart

	 GDS3705	 GDS3710
Lens Type	N/A	1/2", F2.5, FOV: 180°(W) x 150°(H)
Day/Night Features	N/A	White LEDs with smart brightness control
Video Resolution	N/A	1920x1080
Video Compression	N/A	H.264, Motion JPEG
SIP/VoIP Support	Yes	Yes
Network Interface	10M/100M Auto-Sensing Port	10M/100M Auto-Sensing Port
Expansion Interface	RS485, Wiegand 26 Input and Output	RS485, Wiegand 26 Input and Output
Power Supply	PoE (IEEE 802.3af Class 3), or 12VDC/1A Connection	PoE (IEEE 802.3af Class 3), or 12VDC/1A Connection
Audio Input	Built-in Dual Microphone, Up To 1.5m	Built-in Microphone, Up To 1.5m
Audio Output	Built-in HD Loudspeaker, Up To 3m, AEC	Built-in HD Loudspeaker, Up To 3m, AEC
Alarm In	2 channels, Vin < 15V	2 channels, Vin < 15V
Alarm Out	2 channels, 125VAC/0.5A, 30VDC/2A	2 channels, 125VAC/0.5A, 30VDC/2A
Keypad	12-key Metal Keys, Metal Doorbell Button	12-key Touchpad, Capacitive Doorbell Button
RFID Support	125KHz: EM4100, Up To 2000 Cards Supported	125KHz: EM4100, Up To 2000 Cards Supported
Voice Codecs	G.711μ/a-law, G.722	G.711μ/a-law, G.722
Security	MD5 and MD5-sess, 256-bit, AES, TLS, SRTP, HTTPS, 802.1Q	MD5 and MD5-sess, 256-bit, AES, TLS, SRTP, HTTPS, 802.1Q
Provisioning	TFTP/HTTP/HTTPS, XML, TR-069 (Pending)	TFTP/HTTP/HTTPS, XML, TR-069 (Pending)
ONVIF Compliant	N/A	Yes – Profile S
Enclosure Protection	IP66 Weatherproof, IK09 Vandal Resistant	IP66 Weatherproof, IK09 Vandal Resistant