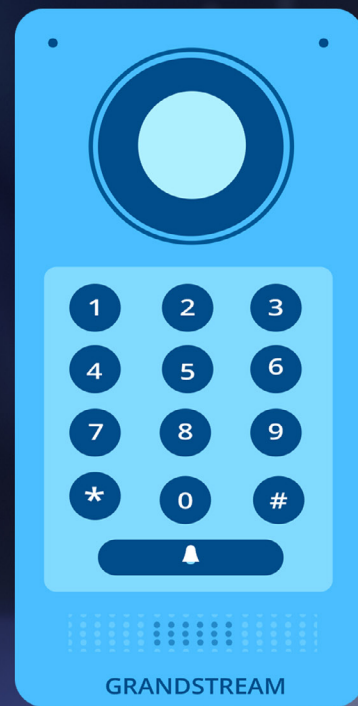


Comprehensive Video Door System Buyer's Guide



GRANDSTREAM

CONNECTING THE WORLD



Physical Security has never been more important

The importance of security and the role it plays within any business has never been greater. With the unpredictable world around us, the physical security of your business and its' assets should be as important as cybersecurity. Physical security even plays a major role in cyber security since the easiest way to take down any businesses IT infrastructure, and therefore critical data, is by having direct access to it. You can have all of the firewalls and network security you want, but if someone gains physical access to your business infrastructure, none of that matters. Physical security is especially crucial for small-to-medium-sized businesses that do not have as many resources to devote to security concerns as larger firms, yet stand to lose as much if their critical business data is compromised.

Traditionally, physical security solutions were expensive, complicated and required the installation of separate, dedicated surveillance networks which then made on-going maintenance more complicated and time consuming. The good news is this is not the case anymore thanks to IP-based security. The prevalence of IP security solutions over the past half dozen years has made purchasing, installing and managing complete physical security solutions easier and more attainable than ever before.

The most comprehensive IP security device on the market today are Video Door Stations, which can also be referred to as door cameras. These devices put a streaming video surveillance camera at any door that tracks and manages all activity and allows you to also control who can or cannot access any facility through a variety of methods. IP Video Door Stations allow you to integrate other IP and analog security products using the same video management interface. They also offer businesses a way to manage the coming and goings of their employees.

“Systems requiring a proximity card for entry are now quite common, and with good reason. They provide tight granularity of access control for individual doors and a detailed audit trail.”

- Robert Covington, founder and president of togoCIO, in a recent article in Computerworld

Taking Unified Communications to the Next Level



The true power of modern unified communications networks is their ability to combine multiple types of technologies and communication methods on the same network. This integration not only allows these technologies to all be managed and run on the same network, but it also expands the functionality of each device as it offers an entire network of other devices to work



in tandem with. This gives each piece the ability to do something it could not do before thanks to its ability to work with other products, services and apps. Within the SIP and UC world, we are well-versed in integration. However, we often miss some very obvious and powerful Integrations of SIP, mainly that it can be leveraged to offer powerful security and facility access tools. One simple product, a SIP Video Door Station like our GDS3710, allows you to easily accomplish this.

SIP security products, including IP cameras, Network Video Recorders (NVRs) and Video Door Stations, can be added to the same internet network as the rest of your communications solutions so that only one network has to be managed. SIP security solutions offer the ability to integrate with all other SIP devices, including IP phones and IP PBXs, to allow the entire network of devices to work together to more proactively keep a facility secure. Also, because they are on IP networks, there are many ways that the cameras can send alerts and you can communicate with them simply by dialing their extensions.

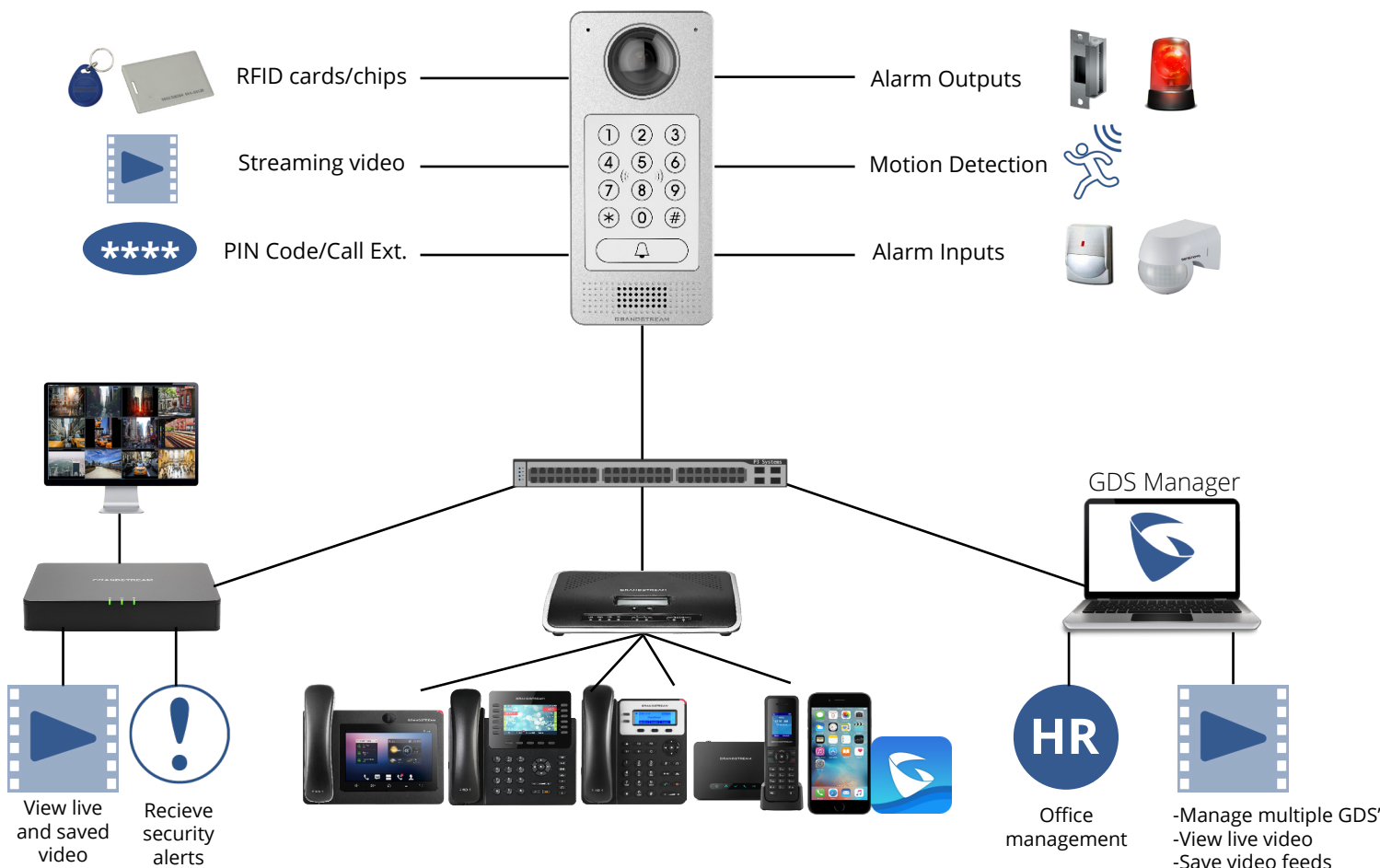
Introducing the GDS3710



Our GDS3710 HD IP Video Door System allows you to protect, manage and track access to any facility, and makes this easier than ever before. It is an IP Video Door System that also serves as a Full HD IP security camera and IP intercom to offer facility access control and security monitoring for buildings of all sizes. This powerful device offers an ultra-wide 180-degree video viewing angle for wall-to-wall video coverage, has a built-in RFID chip reader for secure keyless entry and includes a built-in microphone and speaker to support intercom functionality. Integrate the GDS3710 with your communication and/or security solution to fully manage access to any business, apartment, hotel, or commercial facility.



As we talked about earlier, the GDS3710 can be easily integrated with your SIP unified communications network. This allows your network to proactively monitor and track access to any building while also being able to notify other endpoints on the network if a security event occurs or if someone needs to be let in the building. The strongest integration that the GDS3710 offers is with other Grandstream endpoints. We have optimized the functionality of our IP phones, security devices and our Grandstream Wave mobile app to allow you to operate, check-on and receive notifications from the GDS3710 on any of these devices. This integration allows the GDS3710 not only to monitor and track access to any facility, but to proactively alert you of security events and visitors using your existing Grandstream endpoints.



See Everything

180°

The GDS3710 features a built-in hemispheric camera which allows for 180 degree, wall-to-wall video coverage. This ensures that you can clearly see anything and everything that comes near the GDS3710.



Easily Manage and Track Access

The GDS supports use of RFID cards and chips, and can track their usage, making it ideal for offices, commercial facilities, warehouses, stores, apartments, hotels, dorms and more. You can allow access through use of PIN codes, you can set the GDS3710 to require visitors to ring the bell upon arrival, which will trigger a call to a preset extension. The device can be set to trigger a call to another extension upon motion detection. You can also require visitors to dial the direct extension of the person they are visiting from the GDS3710.



Enhance Your Security System

By using its alarm-in and alarm-out ports, the GDS3710 can be integrated with your existing security devices or ones that you may add in the future. Integrate third party sirens, alarms and motion sensors, allowing these devices to sound alarms, trigger recordings and send alerts through the GDS3710 to other devices. It is supported by Grandstream or third party ONVIF-certified video management devices and software.



GDS Manager: Your Office Management Tool

GDS Manager, the free software available for use with the GDS3710, offers a complete office and human resources management platform. Track employee check-in and check-out times, view video and data from multiple GDS', create and manage RFID cards and fobs or PIN codes, and more.



Supports integration with other video recording and management tools

By being ONVIF profile S compliant, the GDS3710 supports use with any third party ONVIF-certified video management software, Network Video Recorder (NVR) or Network Attached Storage (NAS) device. This allows the GDS3710 to be added to an existing facility management network you may already have, or other devices you may add in the future, so that all GDS3710 activity can be recorded and logged by the main management interface.



Install it anywhere

The GDS3710 is built with a weatherproof and vandal resistant case, which allows it to be used in any location where weather or tampering may be a concern. The device has been tested and approved for use in temperatures ranging from -30 degrees Celsius to 60 degrees Celsius (-22 to 140 degrees Fahrenheit). The IP66 certified weatherproof casing will also protect the device from all conditions including rain, snow, sleet and hail.





Integrating the GDS3710 with Your Grandstream Solution

Our GDS3710 allows you to easily track, manage and record access to any building or home by integrating with your existing Grandstream solution. On its own, the device offers live monitoring and recording of facility entrances while also controlling access to the building through use of RFID cards or PIN codes. However, the GDS3710 takes on a whole new life when combined with your Grandstream solution. We have optimized our endpoints to be able to work in tandem with the GDS3710 to keep your building safe and secure, and to easily allow you to be alerted when visitors arrive, when security events occur. You can even use your Grandstream endpoints to let visitors in.

Integration of the GDS3710 with your Grandstream solution is simple. Register your GDS3710 as an extension on your IP PBX or hosted PBX, and then use GDS3710's web user interface to tell the device what to do when an event occurs. Since the GDS is SIP-based, it is compatible with any other SIP device or service. The device is also compatible with any ONVIF-compliant video management product. However, integrating the GDS3710 with an all-Grandstream solutions adds functionality and control.

GXV, GXP and DP IP phones

View Visitors, speak with them and let them in the building



- Receive either a video and voice call (GXV phones), a voice call with an image screenshot (GXP2100 series phones), or a voice call (DP, GXP1600 & GXP1700 series) to the IP phone(s) you designate when a visitor requests entry from the GDS3710, or when motion it detected by the GDS3710
- Intercom - speak to the visitor through your phone and the GDS3710
- Press a button or key on your IP phone to open the door for the visitor(s)
- Call the GDS3710 at any time simply by dialing its extension from an IP phone to view the live video feed, hear the audio feed, have a conversation with a possible visitor, and/or open the door



GVR3500 and GSurf Pro

Record and Monitor Everything Centrally or Remotely

- All video and audio feeds can be recorded using an NVR or NAS device, such as our GVR3500. This offers a central point for all recording and monitoring that does not tie up other ends of your network or require dedicated PCs
- All video and audio feeds can also be recorded and monitored using GSurf Pro, our free video management software
- Video feeds can be viewed onsite or remotely from the GDS3710 or GVR3550's web user interface, as well as GSurf Pro (running as a client for remote use)





Grandstream Wave *Receive live alerts, view visitors and let them in from your mobile device*

- Use your Android or iOS mobile device to make and receive voice/video calls to and from the GDS3710, while also being able to trigger the GDS3710 to open doors
- Allows you to track access, receive alerts, view live feeds and let visitors in from anywhere you are

Integrate with Existing or Future Security Devices



- Door openers – integrate third party door openers to allow the GDS3710 to control external door openers
- Sirens and alarms – integrate third party sirens and alarms to allow these devices to activate when a security event occurs on the GDS3710
- Motion sensors – integrate third party motion sensors to allow events sensed by the external motion detector to be recorded by the GDS3710 management interface so alerts are sent to all integrated devices

We like to say that our UCM series of IP PBXs are the “anchor” of the Grandstream solution as they offer one central point that brings all of our products together under one umbrella to expand the functionality of each device. Think of the GDS3710 as another anchor of the Grandstream solution. This Video Door System offers the ability to bring all Grandstream products together under one umbrella, increasing the functionality of each individual endpoint to create a powerful physical security and facility management solution.

Installing the GDS3710

For most deployments, the GDS3710 will need to be integrated with your facility's electrical system so that it can actually open doors it is integrated with. Because of this electrical integration, we recommend that GDS3710 installation be done by a licensed electrician. Most electricians who service businesses and facilities will have experience working with video door stations, and many IT employees or resellers will also be licensed electricians.

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

There are 2 main ways to install the GDS3710 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. The GDS3710 comes in-the-box with everything you need for on-wall installation. For in-wall mounting, you will need to purchase the GDS3710 In-Wall Mounting Kit, which can be bought from any Grandstream distributor. Learn more about this kit in the next section.

On-Wall



In-Wall





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

Once the device is installed in the physical location you would like, all you need to do is add the GDS3710 to your SIP network as an extension (if desired) to allow it to communicate with other endpoints on your network. You would then access the GDS3710's web user interface, or GDS Manager, to program PIN codes and RFID cards while configuring the device to contact the people and/or devices you want to be contacted when a security event occurs or when a visitor arrives and needs to be let in.

For more detailed installation instructions and details, see the products' Quick Installation Guide and User Manual, which can be accessed at www.grandstream.com/support/resources/?title=GDS3710

GDS3710 Accessories

Grandstream offers 4 different accessories and components for the GDS3710, with all being available as separate purchases.

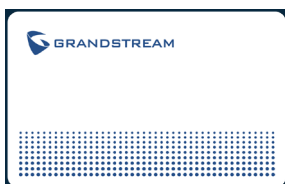
USB RFID Card Reader



The USB RFID Card Reader is available for use with the GDS3710 IP Video Door Station. This USB RFID Card reader can be installed anywhere and connect via USB to any computer running Grandstream's free GDS Manager software to allow all RFID Card Reader activity to be tracked, monitored and managed centrally by GDS Manager. The device is fully powered through USB and offers a built-in antenna with card-seeking mode.

Card Supported	Generic RFID card
Working Temperature	-10°C ~ 70°C
Dimensions	108.5mm x 108.5mm x 24mm ±3mm

RFID Card



The RFID Card is available for use with the GDS3710 and the USB RFID Card Reader. This non-writable proximity induction card receives radio energy from the RFID Card Reader to power the card and its ability to interact with the GDS3710 or USB RFID Card Reader. This contactless ID card is easy to setup and use, and therefore is ideal for use in a wide range of facility access, attendance and security applications.

Card Type	ID Card (TK4100)
Life Span	> 100,000 Times
Product Dimension	85.5 mm x 54 mm x 0.93mm ±0.5mm

RFID Key Fob



The RFID Key Fob is available for use with the GDS3710 and the USB RFID Card Reader. This non-writable proximity induction card receives radio energy from the RFID Card Reader to power the card and its ability to interact with the GDS3710 or USB RFID Card Reader. This contactless ID key fob is easy to setup and use, and therefore is ideal for use in a wide range of facility access, attendance and security applications.

Life Span	> 100,000 Times
Color	Blue
IP Certificate	IP67/IP68, ISO Standard
Product Dimension	36 mm x 29 mm x 6.6 mm, ±3mm



GDS3710 In-Wall Mounting Kit

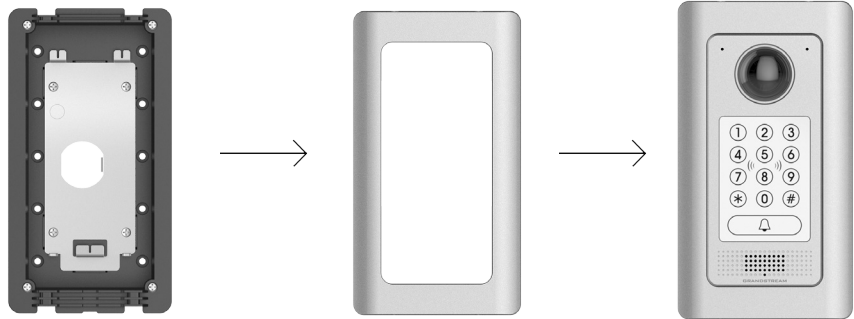
The In-Wall Mounting Kit is available for use with the GDS3710 IP Video Door Phone. This mounting kit allows the GDS3710 to be mounted flushed within a wall rather than on the surface of the wall. It supports solid wall, stud and drywall (hollow wall) installation. When installing the GDS3710 or the In-Wall Mounting kit, please follow local building and electrical code. The device is suggested to be installed with the bottom of the 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)



How to buy Grandstream



Grandstream solutions are used and sold in over 150 countries across the world. All products are sold through our distribution and reseller network. To locate a Grandstream distributor or reseller near you, **visit our website and chat with us**, or use the "Contact Us" page to tell us where you are located and what you need: www.grandstream.com/company/contact-us

About Grandstream

Grandstream Networks, Inc. has been connecting the world since 2002 with SIP Unified Communications solutions that allow businesses to be more productive than ever before. Our award-winning solutions serve the small and medium business and enterprises markets and have been recognized throughout the world for their quality, reliability and innovation. Our open standard SIP-based products offer broad interoperability throughout the industry, along with unrivaled features, flexibility and price competitiveness. Grandstream was named the 2016 Global Enterprise IP Endpoints Company of the Year by renowned market research firm, Frost & Sullivan



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