

GDS3700 Series - Sales Kit

Overview and Basics

About the GDS3700 Series

The GDS3700 series provides HD Audio and Video IP Intercom Systems to offer remote facility access control for buildings of all sizes. These devices include a built-in microphone and speaker to support intercom functionality, supports integration with electric locks for locking and unlocking doors, offers alarm-in and alarm out support for integration with existing security systems, and RFID and video support on select models. GDS products work with Grandstream's free management software, GDS Manager. All GDS systems offer SIP/VoIP technology with 2-way HD audio, IP66 level weatherproof casing, and are vandal resistant. The combination of GDS devices, Grandstream's IP Phones, Wave mobile app, and other 3rd party IP devices provide a complete end-to-end solution for access control, and intercom needs.

Product Positioning

The GDS series of Facility Access Systems tracks and manages access to any physical building and provides a dedicated audio and/or video intercom for entrances/exits. With integration to other Grandstream endpoints, the GDS offers a complete end-to-end solution for access control and security needs.



HD audio intercom on all models



IP66 weatherproof casing



Electric Lock, Alarm Out, and Alarm In ports



RFID compatible entrance based on model

Technical Specifications

Competitive Features

- HD audio with up to 1.5 meters of audio input and 3 meters of audio output, along with advanced echo cancelation technology
- Integration with GDS Manager software for monitoring, time-based management, and detailed configuration of GDS functionality
- 1080p HD video resolution with 180-degree hemispheric camera on the GDS3710
- IP66-level weatherproof capability and vandal resistant
- Built-in PoE for power and network connection
- SIP/VoIP support for video and audio streaming to endpoints
- Supports motion detection



GDS3710

GDS3705

GDS3712

GDS3702

	GDS3710	GDS3705	GDS3712	GDS3702
Video Resolution	1920 x 1080 HD	N/A	1920 x 1080 HD	N/A
Weatherproof	IP66-level weatherproof vandal resistant	IP66-level weatherproof vandal resistant	IP66-level weatherproof vandal resistant	IP66-level weatherproof vandal resistant
Ports & PoE	2 alarm input, 2 alarm output, one 10M/100M PoE network port	2 alarm input, 2 alarm output, one 10M/100M PoE network port	2 alarm input, 2 alarm output, one 10M/100M PoE network port	2 alarm input, 2 alarm output, one 10M/100M PoE network port
Voice Codecs	G.711μ/a-law, G.722, DTMF (RFC2833, SIP INFO), AEC	G.711μ/a-law, G.722, DTMF (RFC2833, SIP INFO), AEC	G.711μ/a-law, G.722, DTMF (RFC2833, SIP INFO), AEC	G.711μ/a-law, G.722, DTMF (RFC2833, SIP INFO), AEC
RFID Support	Up to 2,000	Up to 2,000	N/A	N/A
Keys	13 button keypad with call button	13 button keypad with call button	Single call button	Single call button

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Key Features & Differentiators

Easy-to-Deploy & Integrate with Grandstream Solutions

- **SIP/VoIP Support** - Facility access and intercom capabilities when deployed with other IP endpoints
- **Highly Customized** - Electronic door strike and 2 alarm inputs/outputs for security peripheral support
- **Integrate with Grandstream solutions:**
 - UCM series IP PBX* - Assign extension for video and audio management throughout deployment devices
 - IP, Video, and Cordless Phones* - Answer GDS initiated calls and activate door strikes from IP phones
 - GDS Manager* - Software-based control to view, manage, and pull GDS reports along with customizing account configurations and access permissions per user
 - Video Monitoring* - Use Grandstream video phones and cordless IP phones to monitor a GDS3710 video feed



Alerts and Notifications

- The GDS Facility Access devices support two-alarm in and two alarm out peripherals for 3rd party sensors, lights, electric door striker, etc
- Automated email, phone call, and alarm out functions can be highly customized based on tampering, error keypad input, non-scheduled access, motion detection, and more



GDS Manager

- GDS devices can be monitored and managed by a central user utilizing GDS Manager
- Users can be added with customized permissions, codes, RFIDs, and more
- Attendance management allows for creating, editing, and viewing attendance records, work shifts, vacation times, and more



IP66 and IP09 Certification

- The entire GDS series possess both IP66 weatherproofing and IP09 vandal resistance, allowing the devices to be deployed with confidence in outdoor and public environments



Motion Detection

- The GDS3710 supports motion detection capabilities that can trigger alarms, automated phone calls, and emails to predesignated users



Multiple Entrance Methods

- Key-coded entrance capabilities of GDS3710 and GDS3705
- Assigned RFID fob or card entrance assigned per user
- Predesignated call button to a user who can open the door via softkey (on Grandstream endpoints) or door strike control



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Grandstream Integration

UCM IP PBX

- A Grandstream UCM IP PBX is the anchor of any deployment, it can be used to assign a GDS facility access station with an extension
- Once an extension is assigned to the GDS, the UCM IP PBX can then be leveraged to map call routes, alarm routes, and intercom routes throughout the facility depending on the GDS model



IP Phones

- Grandstream IP phones can be integrated in a variety of ways with the GDS series of facility access systems, primarily as being endpoints that the GDS can call
- Upon placing a call, Grandstream endpoints that pickup the call can be customized to have a dynamic softkey presented to open the electronic door striker that's connected to the GDS
- Grandstream IP phones, cordless IP phones, and certain desktop phones can receive GDS3710 video feeds

GDS Manager

- GDS Manager is a management software for GDS series devices. When the software is installed on a server within the LAN of the deployment, it provides a wide variety of additional features and functionalities GDS devices
- Monitoring and control GDS facility access devices within a deployment can be done via GDS manager, this includes viewing video feeds, speaking through A GDS, and activating peripherals connected to the GDS
- GDS can be used to create "users" that may have RFID cards, key-fobs, and access codes related to them. User access can be customized by time periods, privilege levels, and more

Facility Management

- The GDS series is also capable of integrating with other Grandstream facility management devices such as the GSC intercoms and facility control stations
- The call button on all GDS devices can be configured to call out to a paging group, allowing a GDS device to be used as a paging station, keypad models can provide this functionality by dialing a paging group extension
- The GSC3570 is a powerful intercom and facility control station and is an ideal device to monitor, call, and manage a GDS series facility access system and its connected peripherals



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Target Markets

Offices

Offices small and large can take advantage of streamlined security solutions that a GDS can provide.

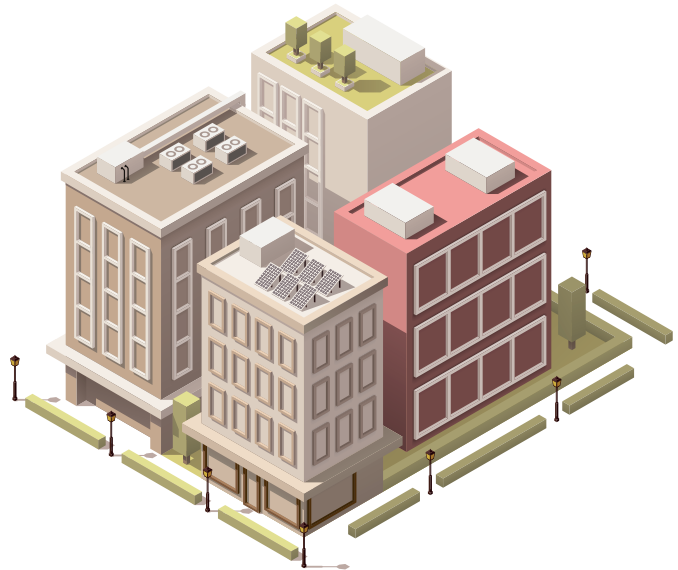
- For smaller offices and multi-office complexes, multiple GDS devices can be deployed with users assigned specified RFIDs, Key FOBs, or codes, that allow entrance into the main complex and their defined office
- Due to integration with 3rd party security peripherals as well as Grandstream IP phones and endpoints, a receptionist can easily field visitors and allow or deny access
- Time-based access can prevent entry to all or specified users outside of specified work hours



Residential Complexes

Residential complexes like apartment buildings and multi-unit condos require a facility access solution that both keeps residents safe, but also allows them to easily allow guests into their units and the building.

- A GDS facility access system can be deployed at the entrance of a residential complex with residents having their own RFIDs or codes to access the building
- A resident directory provided along with the GDS can enable guests to easily call residents, who can answer the call and provide access on a GSC3570 or Grandstream IP phone or video phone within their unit



Logistics or Manufacturing

For logistics warehouses and manufacturing plants, the GDS series can be utilized as both a facility access device and an HR tool.

- Shift workers can be added as users into the GDS series and have their access throughout a warehouse or facility completely customized based on their working requirements
- By using GDS Manager, a GDS can be leveraged as a "punch-clock", generating customized reports on a defined time base that provides information on when users clocked in and out of the facility for their shift
- GDS devices can also be utilized to make announcements and sound alarms over facility-wide loudspeakers

