

## GRANDSTREAM NETWORKS

Firmware Release Notes: **Version 1.0.2.25**

Product Model: **GDS3710**

(HW Supported: 1.2A, 1.3A, 1.3B, 1.5A, 1.6A)

Date: November 8, 2017

### IMPORTANT UPGRADING NOTE

This version stopped HW1.2A/1.3A/1.3B fabrication support, still **support HTTP upgrade**.  
 Firmware applies to below HW versions:

HW version	FW	Comments
GDS3710 HW1.2A	YES	<b>Only support HTTP upgrade image</b>
GDS3710 HW1.3A	YES	<b>Only support HTTP upgrade image</b>
GDS3710 HW1.3B	YES	<b>Only support HTTP upgrade image</b>
GDS3710 HW1.5A	YES	
GDS3710 HW1.6A	YES	

### NEW P-Value:

- Enable Log Reporting P15410=0/1 (0: Disable 1: Enable)
- HTTP Server Host P15411=String (Max. Length=128)
- HTTP Server Port P15412=0-65535
- HTTP Server URL P15413=String (Max.Length=256)
- HTTP Server Username P15414=String (Max.Length=128)
- HTTP Server Password P15415=String (Max.Length=128)

### KNOWN ISSUES:

- TBA

## SUMMARY OF UPDATES

The main purpose of this release is bug fixes and feature enhancement

## CHANGES SINCE FIRMWARE RELEASE 1.0.2.22

### BUG FIXES

- Fixed the initial delay in audio call
- Fixed the time will not be updated by NTP server after GDS reboot.
- Fixed the password field displayed with error.
- Fixed special character can be save and stored in Unlock Hold Time
- Fixed the system basic page display abnormal issue.
- Fixed GDS3710 cannot be searched and added by NVR GVR355x (via ONVIF)
- Fixed the P value is invalid for holiday
- Fixed Group information cannot be synchronized with GDSManager.
- Fixed reboot device after enable LLDP, SIP account may not be able to register.
- Fixed delete the RFID card operation the cancel icon not working
- Fixed enable LLDP might not be able to get IP address via DHCP in some (VLAN) network environment

### ENHANCEMENTS

- Added if schedule disabled, GDS3710 will bypass the option to open door.
- Implemented the HTTP Upload (RFID card) Log Event support for 3<sup>rd</sup> party Software Integration.

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## GRANDSTREAM NETWORKS

Firmware Release Notes: **Version 1.0.2.22**

Product Model: **GDS3710**

(HW Supported: 1.2A, 1.3A, 1.3B, 1.5A, 1.6A)

Date: *September 18, 2017*

### SUMMARY OF UPDATES

The main purpose of this release is bug fixes.

### CHANGES SINCE FIRMWARE RELEASE 1.0.2.21

#### BUG FIXES

- Fixed when uncheck “center mode”, GDSManager group relationship etc. will fail.
- Fixed group deleted, group status and information disabled but card swiping fail.
- Fixed DTMF function is invalid at some cases.
- Fixed in Privacy Mask page the Show MD Region is invalid.
- Fixed set to 12-hour display format will not take effect and show wrong format.
- Fixed Silent Alarm option displaying errors.
- Fixed DTMF option format displayed wrong in IE browser.
- Fixed deleted 2<sup>nd</sup> alarm receiving email account the email still delivering.
- Fixed personnel, gender displaying error when card number is 0
- Fixed Weigand Output feature issue.

#### IMPORTANT UPGRADING NOTE

- ***Once upgraded to 1.0.2.x firmware, downgrading to 1.0.1.x or lower firmware version is NOT supported.***
- ***Factory Reset is recommended after upgrading from 1.0.1.x to 1.0.2.x.***
- ***Please backup data before performing factory reset then restore the data***

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## GRANDSTREAM NETWORKS

Firmware Release Notes: **Version 1.0.2.21**

Product Model: **GDS3710**

*(HW Supported: 1.2A, 1.3A, 1.3B, 1.5A, 1.6A)*

Date: August 31, 2017

### SUMMARY OF UPDATES

The main purpose of this release is bug fixes and feature enhancement.

### CHANGES SINCE FIRMWARE RELEASE 1.0.2.13

#### BUG FIXES

- Fixed Guest PIN invalid when modifying the guest pin conflicting with local PIN.
- Fixed the Blue Light turning off 1 minute late than configured time.
- Fixed SIP number is not displayed correctly at card management page.
- Fixed Holiday cannot display Chinese
- Fixed adjust resolution will make the Privacy Mask not working
- Fixed private door password displayed empty when PIN not configured
- Fixed error Email Format giving out confused prompt
- Fixed static IP with different subnet cannot be searched by GDSManager and GSuf\_Pro
- Fixed Wiegand Output function is invalid sometimes.
- Fixed ONVIF device\_service restart issue
- Fixed adjust and save the Door System setting page will restart the SIP client process
- Fixed Digital Input if in Open State, the Alarm State should also be in Open State
- Fixed revise the Group, Schedule and Holiday cannot be saved
- Fixed Wiegand Input can be directed to different protocol of the device
- Fixed Wiegand Input can be used as personal PIN to open the door
- Fixed one invalid P-value will fail the entire XML file import
- Fixed delete the group should automatically switch to disable card in that group
- Fixed group not available to displayed when carried schedule with holidays
- Fixed Weigand Input can still open door even the "Weigand Input" disabled
- Fixed exported configuration file missing P values of group, schedule and holidays
- Fixed issue when editing the region of Privacy Masks
- Fixed DHCP Option 66 invalid issue
- Fixed phone hand up but the doorbell still ringing
- Fixed Motion Detection sensibility is abnormal
- Fixed mute Key Tone will cause RFID card not response
- Fixed using Wiegand Input successfully open door via password but LED of Wiegand device is wrong

## ENHANCEMENTS

- Allow config and call IP address format on SIP field when dialing the Virtual Number
- Added “Silent Alarm” Mode
- Added option Backup/Restore including all passwords like SIP/FTP/RemoteAccess, etc.
- Added schedule support for Card and PIN
- Added LLDP support
- Added database automatic backup and synchronization
- Modified WebGUI style
- Added card information batch delete option in the WebGUI
- Added option to enable “Motion Detection”, “Tamper Alarm” and backlight partially light
- Added card user limitation up to 2000 and group limit to 50.
- Added Card and PIN schedule configuration Central Mode. If enabled, the Group/Schedule/Holiday could only be synchronized from the Central of the GDS Manager
- Added LDC Ratio Control and Adjustment
- Expanded the range of Ring timeout
- Added option to disable Auto Answer
- Updated the “DingDong” tone when doorbell pressed
- Added function to check the default value
- Added Factory Reset via special procedures. Details please refer to updated User Manual
- Added file upload and download (card information, configuration etc.) can be executed after authentication
- Added enforcement that when admin password is changed via WebGUI, user has to fill in a Valid Email Account to retrieve the email before the new admin password taking effect

## IMPORTANT UPGRADING NOTE

- ***Once upgraded to 1.0.2.x firmware, downgrading to 1.0.1.x or lower firmware version is NOT supported.***
- ***Factory Reset is recommended after upgrading from 1.0.1.x to 1.0.2.x.***
- ***Please backup data before performing factory reset then restore the data***

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## GRANDSTREAM NETWORKS

Firmware Release Notes: **Version 1.0.2.13**

Product Model: **GDS3710**

(HW Supported: 1.2A, 1.3A, 1.3B, 1.5A, 1.6A)

Date: June 26, 2017

### IMPORTANT UPGRADING NOTE

- **Once upgraded to 1.0.2.x firmware, downgrading to 1.0.1.x or lower firmware version is NOT supported.**
- **Factory Reset is recommended after upgrading from 1.0.1.x to 1.0.2.x.**
- **Please backup data before performing factory reset then restore the data**

### SUMMARY OF UPDATES

The main purpose of this release is bug fixes and feature enhancement.

### CHANGES SINCE FIRMWARE RELEASE 1.0.2.9

#### BUG FIXES

- Fixed reload data is invalid.
- Fixed privacy mask may not work when adjusting CMOS video settings
- Fixed the initialization of DO causing short pulse when power up the device.
- Fixed webGUI may lose access when switching audio codecs.
- Fixed after getting IP address, the webGUI may not be accessible immediately.
- Fixed adjusting Mode, LED and Power Frequency settings may cause abnormal shutter speed.
- Fixed the display error of time zone.
- Fixed P value not working for enable DTMF Open Door.

#### ENHANCEMENTS

- Supported **ONVIF Profile S**
- Added "**Privacy Mask**" support in Motion Detection Setting
- Updated OCX plugin engine to Version 3.1.0.74
- Added DTMF Open Door control option in WebGUI
- Supported HTTP API
- Optimized HTTP API for Card Management
- Added "enable blue doorbell light" option in the webGUI
- Added switch on the doorbell blue light by configured time period of the day.
- Implemented "Silent Alarm" mode
- Added HTTP API for getting snapshots and streams.
- Removed the size limit of load kernel

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Firmware Release Notes: **Version 1.0.2.9**

Product Model: **GDS3710**

(HW Supported: 1.2A, 1.3A, 1.3B, 1.5A, 1.6A)

Date: June 1<sup>st</sup>, 2017

### IMPORTANT UPGRADING NOTE

- **Once upgraded to 1.0.2.x firmware, downgrading to 1.0.1.x or lower firmware version is NOT supported.**
- **Factory Reset is recommended after upgrading from 1.0.1.x to 1.0.2.x.**
- **Please backup data before performing factory reset then restore the data**

### SUMMARY OF UPDATES

The main purpose of this release is bug fixes to response to market feedback.

### CHANGES SINCE FIRMWARE RELEASE 1.0.2.5

#### BUG FIXES

- Fixed exporting file P value issue with Motion Detection data.
- Fixed changing the SSH port, it can be saved but cannot be accessed.
- Fixed device falling into reboot loop when failing to obtain IP address from network.
- Fixed ONVIF implementation causes automatic reboot due to memory leak.
- Fixed the initialization of DO causing short pulse when power up the device.
- Fixed back light and ring light issue when device rebooted.

#### ENHANCEMENTS

- Corrected errors in local PIN type tool tips.
- Add back DTMF Open Door as optional choice, with user acknowledging the security risk.
- Revised "Alarm Output Duration(s)" choice option as 5/10/15/20/25/30 seconds.

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Firmware Release Notes: **Version 1.0.2.5**

Product Model: **GDS3710**

(HW Supported: 1.2A, 1.3A, 1.3B, 1.5A, 1.6A)

Date: May 18, 2017

## IMPORTANT UPGRADING NOTE

- **Once upgraded to 1.0.2.x firmware, downgrading to 1.0.1.x or lower firmware version is NOT supported.**
- **Factory Reset is recommended after upgrading from 1.0.1.x to 1.0.2.x.**
- **Please backup data before performing factory reset then restore the data**

## SUMMARY OF UPDATES

This firmware version is a major update, with lots of bug fixes and feature enhancement

## CHANGES SINCE FIRMWARE RELEASE 1.0.1.19

### BUG FIXES

- Fixed web port and RTSP port not correct.
- Fixed exported system configuration data cannot be imported successfully.
- Fixed illegal or special characters can be saved into card number.
- Fixed non-digit characters can be saved into open door PIN field.
- Fixed abusively pressing keypad could make the key tone distorted and blue LED lighted abnormally.
- Fixed capture image not working when configured as "Card & Private PIN Mode".
- Fixed exported configuration file without speaker volume, key tone volume and doorbell volume.
- Fixed Motion Detection selected region failed to be restored when exported.
- Fixed Option 66 feature not working.
- Fixed duplicated RFID card number can be added without prompt.
- Fixed the shutter speed not adjustable issue.
- Fixed failed test cases for ANATEL certification
- Fixed issue in peered IP Calling.
- Fixed P value cannot be written if the shutter speed is 1/5000.
- Fixed GDS3710 reboot cycle if P value is imported to the device incorrectly.
- Fixed firmware upgrade process could cause device to be automatically factory reset.
- Fixed Motion Detection sometimes abnormal issue.
- Fixed switching HTTPS to HTTP the port remain the same issue.
- Fixed cannot call GDS3710 via a number when peered with another device via IP.



## ENHANCEMENTS

- Added folder creation and file arrangement if multiple GDS3710s are uploading snapshots to FTP server.
- Improved the password prompt wording.
- Added DTMF audio playing when key be pressed.
- Separated volume control in webGUI.
- Added “Audio, Snapshot, Recording and File Path Saved” operation with icons at Live View webpage.
- Added “show password” feature when the eye icon be clicked in the webGUI.
- Added prompt popup message when capture button clicked.
- Use different email title to separate the Motion Detection and Temperature Out of the Range alarm.
- Set initial value of “0” for Virtual Number and SIP number if user leaving the field empty.
- Added support open door remotely via GDS Manager utility (after GDS Manager version 1.0.0.78)
- Supported GXP color phone JPEG\_Over\_HTTP support with encryption and authentication.
- Added SSH support with default TCP port 22, obsolete TELNET.
- Added GS\_Wave (Android/iOS) Application support for Open Door.
- Added PING function in SSH CLI interface.
- Enhanced webGUI login process and added random default password.
- Enhance security by disable the DTMF to open door
- Disabled WDR Mode (temporarily, will enable once the pink color bug fixed)
- Added support of sending DTMF tone in SIP calling (RFC2833, SIP INFO)

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## GRANDSTREAM NETWORKS

Firmware Release Notes: **Version 1.0.1.19**

Product Model: **GDS3710**

*(HW Supported: 1.2A, 1.3A, 1.3B, 1.5A)*

Date: *March 06, 2017*

### SUMMARY OF UPDATES

The main purpose of this release is bug fix and feature enhancement since \$1 Beta

### CHANGES SINCE FIRMWARE RELEASE 1.0.1.11

#### BUG FIXES

- Fixed device still have sound when volume set to 0
- Fixed AEC may fail sometimes at some special audio scenarios.
- Fixed HTTP Upgrade request the user-agent does not contain device name, hardware version and software version information for provisioning.
- Fixed press door bell will hand up alarming phone call.
- Fixed web port changing from 443 to 80, HTTPS cannot be accessed.
- Fixed no P value for shutter speed and interval of swiping card.
- Fixed click the UPnP cannot access the web interface.
- Fixed email setting page prompting error after clicking "Save".
- Fixed open door operation will clear all the pending calls, leave ongoing call untouched.
- Fixed configuration data cannot be imported normally.
- Fixed alarm email with abnormal name.
- Fixed no prompt tone when guest not input PIN in the required time window.
- Fixed input the wrong PIN, then correct PIN, the device will not open door.
- Fixed the RTSP value range, should be set to 554-65535.
- Fixed the snapshot filename different in FTP and Email.
- Fixed guest PIN and Private PIN confliction issue.
- Fixed DHCP OPTION66 not working problem.
- Fixed alarm snapshot cannot be uploaded to the central storage server.
- Fixed open door via PIN the equipment log sometime not match the record.
- Fixed the web port and RTSP port is not correct
- Fixed Guest PIN open door issue.

## ENHANCEMENTS

- Added a button to view the password entered.
- Added “Guest Mode” for access control.
- Corrected some typo and wording reported.
- Added option to enable SIP extension call by dialing keypad directly.
- Removed the startup audio.
- Added OSD information into the alarm message title.
- Added RFIC card and Private PIN double authentication to improve the open door security.
- Added challenge-response algorithm to open door.
- Improved FTP snapshot filename by adding MAC address and event type.
- Update and improved G.722 AEC parameters.
- Reduced alarm email and attachment.
- Added function to allow all passwords been imported.
- Started one firmware file support from this version.
- Limited the remote PIN to open door to be pure digits only with maximum length of 8.
- Limited the maximum length of login password to be 32 characters.