GDS3710 Firmware Release Note

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FIRMWARE VERSION 1.0.3.23

PRODUCT NAME

GDS3710 *(HW Supported: **1.3A, 1.3B, 1.5A, 1.6A, 1.7A**)*

DATE

01/10/2018

SUMMARY OF UPDATE

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

IMPORTANT UPGRADING NOTE

- ***Once upgraded to 1.0.3.x firmware, downgrading to 1.0.2.x or previous lower firmware version is NOT SUPPORTED.***
- ***Factory Reset is recommended after upgrading from old 1.0.1.x or 1.0.2.x firmware.***
- ***Please backup data before performing factory reset then restore back the data.***

FIRMWARE APPLIES TO BELOW HW VERSION ONLY

HW version	FW	Comments
GDS3710 HW1.3A	YES	Only support HTTP upgrade image
GDS3710 HW1.3B	YES	Only support HTTP upgrade image
GDS3710 HW1.5A	YES	
GDS3710 HW1.6A	YES	
GDS3710 HW1.7A	YES	

ENHANCEMENT

- Improved the tool tip content of “Central Mode”
- Improved the Doorbell Sound
- Added Standard Mode and Broadsoft Mode in SIP Settings, Broadsoft Supported.
- Improved some webGUI language and Tool Tip language.
- Added card ID number and phone number reported in event log message.
- Added “Click-to-Dial” feature support.

BUG FIX

- Fixed DHCP Option66 function invalid
- Fixed (Broadsoft) HTTP download fail when the URL contains double slash
- Fixed Session Timer on by default

- Fixed issues with Broadsoft Certificate
- Fixed audio collection failure when continuously pressing keys and swiping cards
- Fixed LLDP enabled SIP failed to register
- Fixed enabled silent alarm the Doorbell played.
- Fixed multiple RFID cards sharing same virtual number will cause private password invalid.
- Fixed GDSManager open door remotely the GDS3710 will not capture snapshot even configured.
- Fixed only calling first number in the alarm list
- Fixed confliction between Lock Keypad and Disable Auto Answer.
- Fixed mailbox configuration page cannot be closed.
- Fixed Wiegand keys output does not support private card PIN and private PIN.
- Fixed configuration file suffix displayed incorrectly.
- Fixed HTTPS failed to download the configuration file if file name with capital letters.
- Fixed alarm number deleted the device will still call the alarm phone when triggered.
- Fixed swipe card successfully will not cancel the unestablished SIP call.
- Fixed enable zero configuration will cause device reboot and download wrong data from UCM.
- Fixed text spelling error in Alarm Mail content.

KNOWN ISSUES

- Occasionally the keypad will slow or no response to the input but will recover in seconds
- The SIP phone sending DTMF to GDS may sometimes hand up and clear the call
- Allowing to accept multiple calls at the same time
- The 2nd outbound proxy will not use the DNS-SRV parsing domain name.
- GDS will not prompt when IP address and Gateway inconsistent.
- Device will not update to new IP after switching the network until after reboot.
- Modify audio codec and video resolution may cause privacy failure occasionally.
- When unlocking latency is not zero, swiping card cannot clear unestablished SIP call.

NEW P-VALUE

- P15425 Enable Weigand Output Authentication
- P14121 Weigand Output
- P6767 Firmware Upgrade Method
- P192 Firmware Server Path
- P6768 Firmware HTTP/HTTS User Name
- P6769 Firmware HTTP/HTTS Password
- P232 Firmware Upgrade File Prefix
- P233 Firmware Upgrade File Postfix
- P193 Automatic Upgrade Interval (Minutes)
- P212 Config Upgrade Method
- P237 Config Server Path
- P6776 Config HTTP/HTTS User Name

- P6777 Config HTTP/HTTS Password
- P234 Config Upgrade File Prefix
- P235 Config Upgrade File Postfix
- P2495 Enable Session Timer. 0: No. 1: Yes. Default is 0
- P424 Special Feature. 100: Standard. 102: Broadsoft. Default is 100
- P1360 HTTP/HTTPS User Name
- P1361 HTTP/HTTPS Password

NEW HTTP API

cmd=<string>	call	http sip call cmd
Call_type=<int>	<0|1>	0: end call 1: call
Call_num=<string>		Call num or IP
P15425=<int>	<0|1>	Enable Weigand Output Authentication 0: Disable 1: Enable
P14121=<int>	<0|1|2>	Weigand Output 0: Disable 1: Relay and Local authentication 2: Relay and Bypass local
P6767=<int>	<0|1|2>	Firmware Upgrade Method 0: TFTP 1: HTTP 2: HTTPS
P192=<string>		Firmware Server Path
P6768=<string>		Firmware HTTP/HTTS User Name
P6769=<string>		Firmware HTTP/HTTS Password
P232=<strng>		Firmware Upgrade File Prefix
P233=<strng>		Firmware Upgrade File Postfix
P193=<int>	60 - 525600	Automatic Upgrade Interval (Minutes)
P212=<int>	<0|1|2>	Config Upgrade Method 0: TFTP 1: HTTP 2: HTTPS
P237=<string>		Config Server Path
P6776=<string>		Config HTTP/HTTS User Name
P6777=<string>		Config HTTP/HTTS Password
P234=<strng>		Config Upgrade File Prefix
P235=<strng>		Config Upgrade File Postfix

NEW FEATURES OVERVIEW

This section lists major new features and describes how to use it from the user's point of view.

CENTRAL MODE

- **Web Configuration**

This option can be found under device web UI→Dorr System Settings →Basic Settings →Card and Pin Schedule Configuration Mode.

- **Functionality**

This feature only works with GDSManager. If enabled, Card Infor, Group, Schedule, Holiday can be synchronized with CentralServer (aka: GDSManager). No matter information revision on Central Side or on individual GDS side, this feature will make the information synchronized, from GDSManager to GDSs, or vice versa. Otherwise the revised information will only updated locally. Default is Disabled.

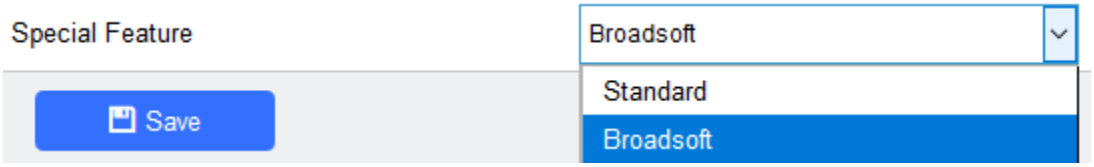
- **New Pvalue**

Pvalue	Description	Value Range	Default
P15301	<New Pvalue> Central Mode	0 / 1 (0:Disable 1:Enable)	0

BROADSOFT MODE

- **Web Configuration**

This option can be found under device web UI→SIP Settings → SIP Advanced Settings→ Special Feature.



- **Functionality**

This feature allow GDS to be compatible with Broadsoft softswitch. When enabled, the GDS will be able to be automatically mass provisioned and controlled by Broadsoft Server and provide features and services in that platform according.

- **New Pvalue**

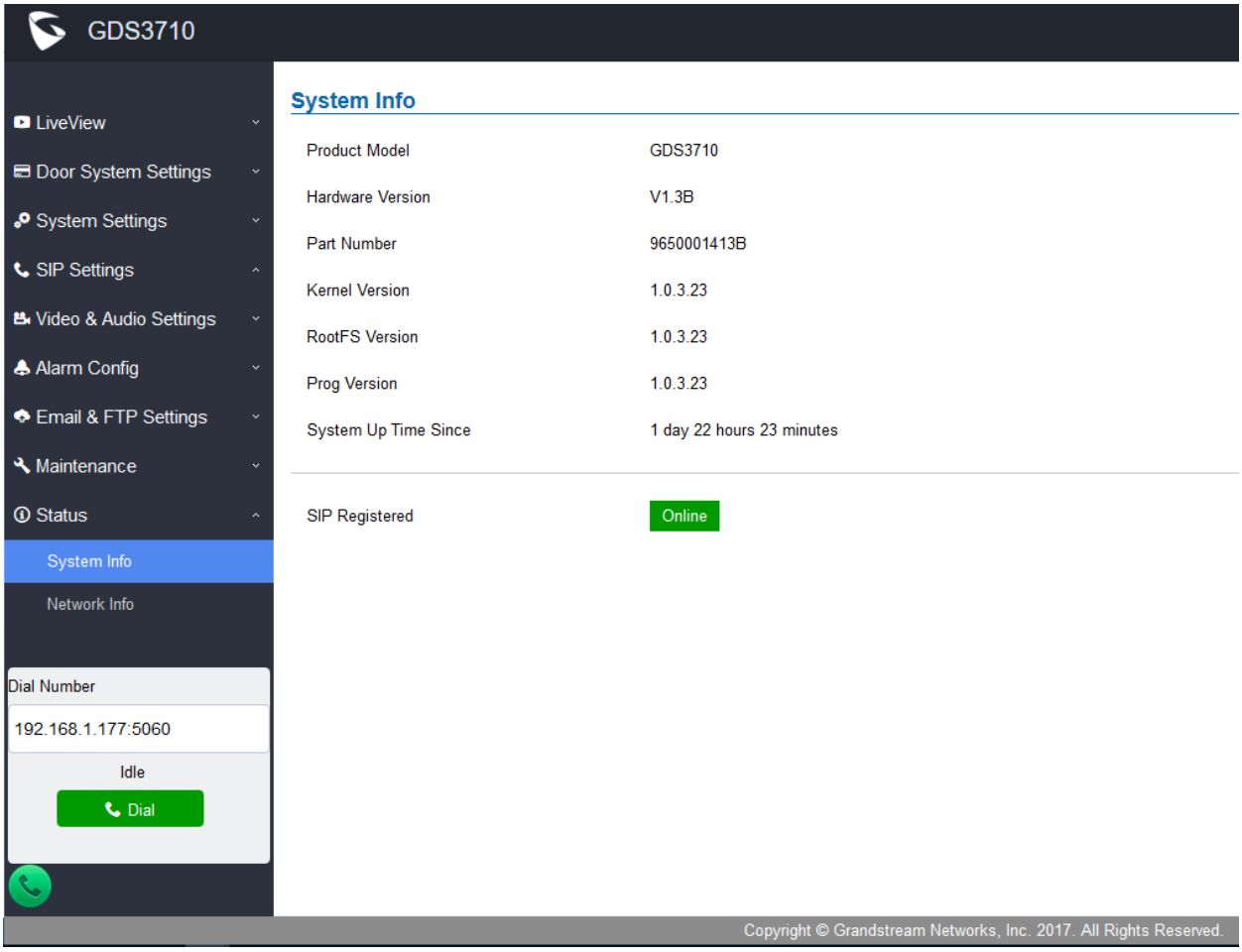
Pvalue	Description	Value Range	Default

P424	Configuration Special Features	Value = 100; Standard Value = 102; Broadsoft	100, Standard

CLICK TO DIAL

- **Web Configuration**

This feature allows user to log into the GDS webGUI and call out from GDS via browser. Administration privilege is required to use this function.



- **Functionality**

User can input and dial SIP extension number or phone number if the GDS registered to an operating SIP server/proxy. If no SIP server involved, user can still input the IP address and port number of a known IP video phone or audio phone in the same LAN.

FIRMWARE VERSION 1.0.3.13

PRODUCT NAME

GDS3710 *(HW Supported: **1.3A, 1.3B, 1.5A, 1.6A**)*

DATE

12/3/2017

SUMMARY OF UPDATE

This is **MAJOR UPDATE** with new SDK.

Strongly recommend users to back up all the data (both configuration and application) before update, also perform factory reset if the previous firmware is old version in different lever.

IMPORTANT UPGRADING NOTE

- ***Once upgraded to 1.0.3.x firmware, downgrading to 1.0.2.x or previous lower firmware version is NOT SUPPORTED.***
- ***Factory Reset is recommended after upgrading from old 1.0.1.x or 1.0.2.x firmware.***
- ***Please backup data before performing factory reset then restore back the data***

FIRMWARE APPLIES TO BELOW HW VERSION ONLY

HW version	FW	Comments
GDS3710 HW1.3A	YES	**Only support HTTP upgrade image**
GDS3710 HW1.3B	YES	**Only support HTTP upgrade image**
GDS3710 HW1.5A	YES	
GDS3710 HW1.6A	YES	

NEW P-VALUE

- Take snapshot when press keypad — P15420=0/1 0: Disable 1: Enable
- Enable Button to On Hook — P14582=0/1 0: Disable (Default) 1: Enable
- Disable Keypad — P15421=0/1 0: Disable (Default) 1: Enable
- Enable Unlock to On Hook — P15422=0/1 0: Disable (Default) 1: Enable
- Secondary Outbound Proxy — P2433=string Max.Length=255
- Enable two-way SIP Calling — P8001=0/1 0: Disable 1: Enable
- Card Issuing State Expire Time(m) — P15423=1-1440
- 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

ENHANCEMENT

- Improved the tool tip content of “Central Mode’
- Added option to disable alarm sound at phone side when event trigger SIP call to the phone.
- Increased maximum characters to 256 in “Number called when doorbell pressed” to allow serial hunting of SIP extensions or IP address with port or mixing of both, with each ring several seconds before going next.
- Added if schedule disabled, GDS3710 will bypass the option to open door.
- Enhanced the “Registration Expiration” timer settings.
- Adjusted some default values and its P values.
- Added feature to capture snapshot when doorbell pressed.
- Added feature to disable keypad input (lock keypad) and ONLY doorbell button can be pressed.
- Revised the tooltips of DI Open Door (alarm_in and alarm_out tooltips).
- Added option to disconnect call automatically after door open event.
- Added timer to expire Card Issuing Mode automatically.
- Added option to enable/disable call termination when OpenDoor Button (in the SIP phone side) pressed.
- Added ability for whitelist entries to open door using remote PIN.
- Implemented the HTTP Upload (RFID card) Log Event support for 3rd party Software Integration.
- Updated feature code input rule for *# or ** for doorbell and end operation in 2 seconds if pressed wrong.
- Added VLAN and Priority Parameters in the LLDP settings.

BUG FIX

- Fixed LLDP function not valid and IP will not automatically set to static if wrong VLAN Tag set.
- Fixed Wiegand lamp does not light up green when remote PIN entered to open door.
- Fixed Alarm Events Configuration displayed incorrectly.
- Fixed WDR mode very bright spot becoming pink issue and put back the WDR feature.
- Fixed swipe card still capture image even “capture image on unlock” unselected.
- Fixed unable to import the system configuration data.
- Fixed revising P value file with string like Holidays can still be imported
- Fixed using Hostage Code to open door if “capture image on unlock” un-checked, the device will not capture and upload the capture image.
- Fixed video cannot connect after motion detection alarm triggered.
- Fixed invalid P value in Holidays.
- Fixed SIP number is IP address and GDS as callee, DTMF unable to open door.
- Fixed GDS3710 cannot be searched and added by GVR355X NVR
- Fixed switch network the device restart
- Fixed network status page displayed error with default IP 192.168.1.168

- Fixed Group Information cannot be synchronized with GDSManager.
- Fixed initial delay in the audio call.
- Fixed * and ** not allowed in “Number called when doorbell pressed”.
- Fixed cannot handle IPPBX feature code “**”
- Fixed card information cannot be modified with IE9.
- Fixed DTMF set to SIP INFO or RFC2833, the open door function is invalid.
- Fixed device not reboot after receiving check-sync SIP message.
- Fixed STUN server filled the device will not send out Keep Alive packet.
- Fixed enable LLDP reboot the device will not do SIP registration.
- Fixed the PIN format is not consistent depending on In or Out call directions
- Fixed the schedule importing failed.
- Fixed DTMF cannot dial out from GDS3710 to interact with IVR.
- Fixed Guest PIN time duration unable to save.
- Fixed one-way audio issue in SIP call.
- Fixed in some network environment enable LLDP sometimes the device will not get IP address.
- Fixed using FQDN SIP domain name sometimes cause the key press no response.
- Fixed swipe card successfully the established unanswered SIP call by pressing doorbell not cancelled.
- Fixed keypad locked but the blue light still response to keypad pressing, should be no response.
- Fixed initial audio delay when audio call established.
- Fixed noise audio issue at the GDS output/speaker.
- Fixed invalid RFID card its mapped SIP extension can still remote open door by SIP call.
- Fixed if muted key tone, the wrong password input without prompt tone.
- Fixed UCM zero configuration the data pushed from UCM to GDS will not synchronized in GDS webGUI display.
- Fixed OSD time set for 12H the display in LiveView is not complete.
- Fixed card management page the information cannot be modified.
- Fixed when changing audio codec to G.722, the volume suddenly becomes louder.
- Fixed illegal format file imported to card management page without prompt warning.

KNOWN ISSUES

- The SIP phone sending DTMF to GDS may sometimes hand up and clear the call
- The alarm email text content may have error characters.
- When Doorbell On Hook uncheck but call established, press the button during the call in session will actually initial a new call and hold current call.
- GDS will accept new incoming call and automatically hold previous call but cannot get out of hold for previous call. GDS should reply 486 and reject all new incoming call when 1st call established.
- The 2nd outbound proxy will not use the DNS SRV parsing domain name.
- Occasionally the keypad will slow or no response to the input but will recover after seconds

NEW FEATURES OVERVIEW

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CENTRAL MODE

- **Web Configuration**

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- **Functionality**

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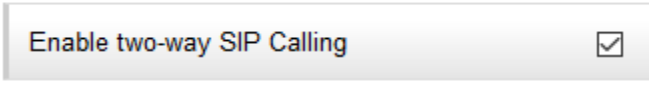
- **New Pvalue**

Pvalue	Description	Value Range	Default
P15301	<New Pvalue> Central Mode	0 / 1 (0:Disable 1:Enable)	0

DISABLE ALARM SOUND AT PHONE SIDE FOR TRIGERED SIP CALL

- **Web Configuration**

This option can be found under device web UI→SIP Settings → SIP Advanced Settings→ Enable two-way SIP Calling.



- **Functionality**

This feature allow GDS to start two-way audio immediately at event triggered alarm calls. Default is checked, the alarm call triggered from GDS to phone will play pre-recorded Siren sound to the phone (user at phone side can press any key from the phone to stop Siren sound and start two-way communication).

- **New Pvalue**

Pvalue	Description	Value Range	Default
P8001	Enable two-way SIP Calling	Value = 0; Disabled Value = 1; Enabled	1: Enabled

CAPTURE IMAGE WHEN DOOR BELL PRESSED

- **Web Configuration**

This option can be found under device web UI→Door System Settings → Basic Settings.

- **Functionality**

This feature allow GDS to take snapshot and upload to Central Server (GDSManager) or FTP server or send email attachment using preconfigured email account. Default is take snapshot when door unlocked.

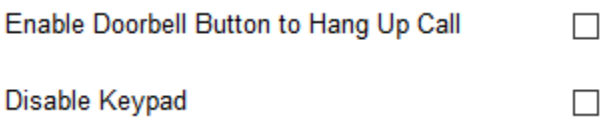
- **New Pvalue**

Pvalue	Description	Value Range	Default
P15420	Capture Image on Pressing Doorbell	Value = 0; Disabled Value = 1; Enabled	0: Disabled

DISABLE KEYPAD

- **Web Configuration**

This option can be found under device web UI → Door System Settings → Basic Settings.



- **Functionality**

This feature allow user to lock and disable all keypad except the doorbell, so only press doorbell the GDS will be response. This meets some special usage scene where user only wants the doorbell.

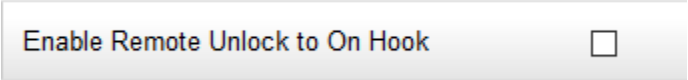
- **New Pvalue**

Pvalue	Description	Value Range	Default
P15421	Disable Keypad	Value = 0; Disabled Value = 1; Enabled	1: Enabled

ENABLE REMOTE UNLOCK TO ON HOOK

- **Web Configuration**

This option can be found under device web UI→Door System Settings → Basic Settings.



- **Functionality**

This feature will allow GDS to clear the call 5 seconds after the phone side successfully opened the door remotely. This will be convenient for IP phone users in case using hands free or speaker mode opening door remotely but forgetting hand up the phone to clear the call.

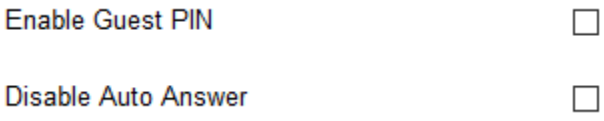
- **New Pvalue**

Pvalue	Description	Value Range	Default
P15422	Enable Remote Unlock to On Hook	Value = 0; Disabled Value = 1; Enabled	0: Disabled

DISABLE AUTO ANSWER

- **Web Configuration**

This option can be found under device web UI→Door System Settings → Basic Settings.



- **Functionality**

This feature allow to disable the default Auto Answer feature of the GDS door phone. The GDS will keep on ringing when called until someone press any button to pick up the call. This feature is for some special usage scenarios. Default is enable and GDS is in Auto Answer mode.

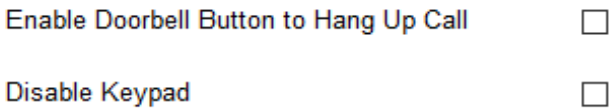
- **New Pvalue**

Pvalue	Description	Value Range	Default
P14580	Disable the Auto Answer of GDS	Value = 0; Disabled Value = 1; Enabled	1: Enabled

ENABLE DOORBELL BUTTON TO HANG UP CALL

- **Web Configuration**

This option can be found under device web UI→Door System Settings → Basic Settings.



- **Functionality**

This feature allow doorbell button to be pressed to hand up the ongoing call, in case the number dialed is wrong or the callee is not available to answer the call made from the GDS door phone. Default is disabled.

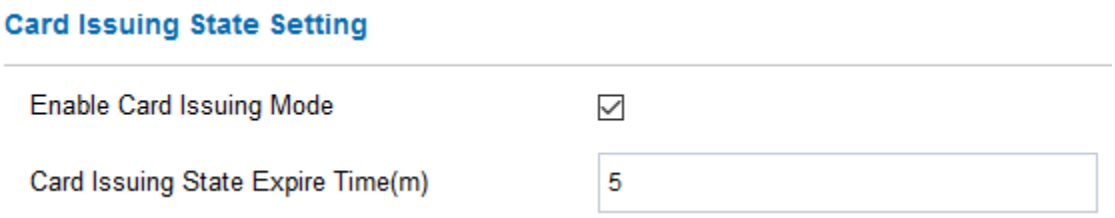
- **New Pvalue**

Pvalue	Description	Value Range	Default
P14582	Enable the Doorbell Button to Handup Call	Value = 0; Disabled Value = 1; Enabled	0: Disabled

CARD ISSUING STATE EXPIRED TIME

- **Web Configuration**

This option can be found under device web UI → Door System Settings → Basic Settings → Card Issuing State Setting → Enable Card Issuing Mode



- **Functionality**

This feature will only available when “Enable Card Issuing Mode” select and enabled. The default value is 5 minutes. This feature will allow GDS to exist from the Card Issue Mode when the configured timer expired, This will help to prevent the human error in case the “Card Issuing Mode” is enabled and not restore back to the normal operation mode therefore the GDS is not operating as usual.

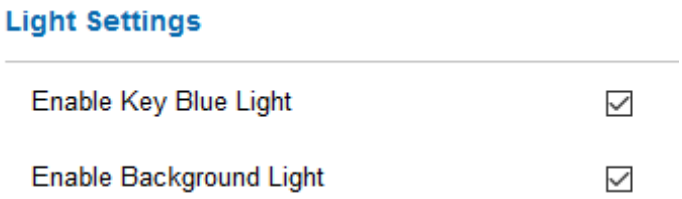
- **New Pvalue**

Pvalue	Description	Value Range	Default
P15423	Card Issuing Mode Effective Timer	Value Range (in Minutes): 1 ~ 1440	5 Minutes

LIGHT SETTINGS

- **Web Configuration**

This option can be found under device web UI → Door System Settings → Basic Settings → Light Settings



- **Functionality**

This feature allow user to turn ON or OFF the Key Blue Light and the Background Light (White LED Light). Default both set of lights are On, so when key pressed the blue light will light up to show the key pressed, and the background white LED will light up to illuminate the user doing the operation.

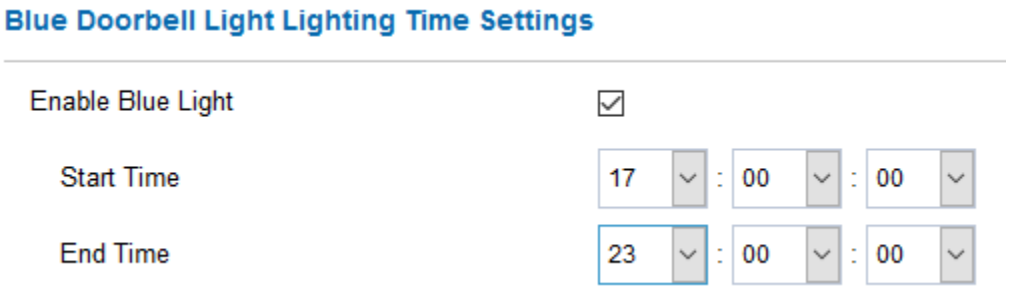
- **New Pvalue**

Pvalue	Description	Value Range	Default
P14800	Enable Key Blue Light	Value = 0; Disabled Value = 1; Enabled	1: Enabled
P14801	Enable Background Light	Value = 0; Disabled Value = 1; Enabled	1: Enabled

ENABLE DOORBELL BLUE LIGHT PER SETTINGS

- **Web Configuration**

This option can be found under device web UI → Door System Settings → Basic Settings.



- **Functionality**

This feature allow doorbell button blue light turn ON and OFF based on configured time schedule. For example user can configure the doorbell button light up in Blue Light in the evening when environment is dark without enough illumination. Default is disabled.

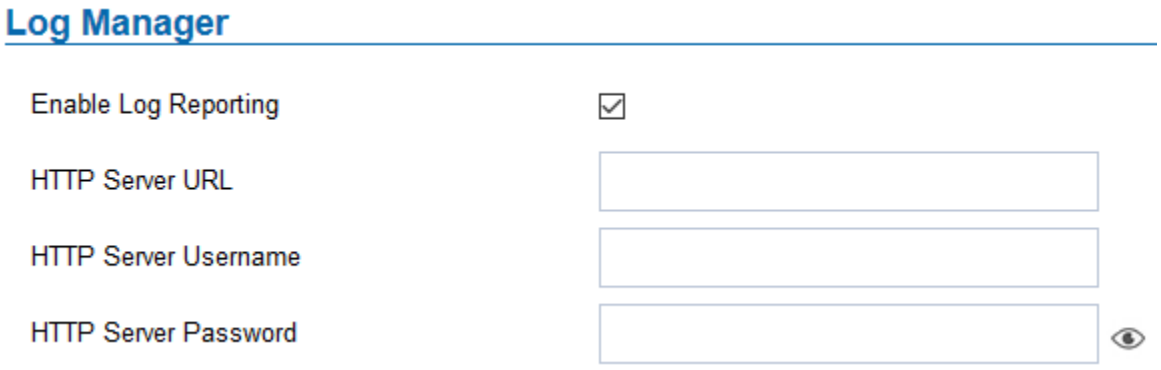
- **New Pvalue**

Pvalue	Description	Value Range (Pure Digital String)	Default
P14560	Doorbell Blue Light Start Time	MAX length is 6. Example: 125900 -> 12:59:00	000000
P14561	Doorbell Blue Light End Time	MAX length is 6. Example: 125900 -> 12:59:00	000000

ENABLE LOG REPORT

- **Web Configuration**

This option can be found under device web UI → Maintenance → Log Manager.



- **Functionality**

This feature allow user to configure the Log Reporting feature via HTTP Server. The live log information will be sent to pre-configured HTTP Server for storage, diagnose and processing. The HTTP server can generate all kinds of related report based on the logs received. This is good for 3rd party redevelopment application usage.

- **New Pvalue**

Pvalue	Description	Value Range	Default
P15410	EnableLog Reporting	Value = 0; Disabled, 1; Enabled	0: Disabled
P15413	HTTP Server URL	Format: http://ip:port/path e.g.: http://192.100.10.10:80/	String. Max. Length=256
P15414	HTTP Server Username	String, Max. Length=128	String
P15415	HTTP Server Password	String, Max. Length=128	String.

FIRMWARE VERSION 1.0.2.25

PRODUCT NAME

GDS3710 *(HW Supported: **1.2A, 1.3A, 1.3B, 1.5A, 1.6A**)*

DATE

11/8/2017

SUMMARY OF UPDATE

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

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	**Only support HTTP upgrade image**
GDS3710 HW1.3A	YES	**Only support HTTP upgrade image**
GDS3710 HW1.3B	YES	**Only support HTTP upgrade image**
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)

ENHANCEMENT

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

BUG FIX

- 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) environment

FIRMWARE VERSION 1.0.2.22

PRODUCT NAME

GDS3710 *(HW Supported: **1.2A, 1.3A, 1.3B, 1.5A, 1.6A**)*

DATE

09/18/2017

SUMMARY OF UPDATE

The main purpose of this release is bug fixes

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***

BUG FIX

- 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 2nd alarm receiving email account the email still delivering.
- Fixed personnel, gender displaying error when card number is 0
- Fixed Weigand Output feature issue.

FIRMWARE VERSION 1.0.2.21

PRODUCT NAME

GDS3710 *(HW Supported: **1.2A, 1.3A, 1.3B, 1.5A, 1.6A**)*

DATE

08/31/2017

SUMMARY OF UPDATE

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

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***

ENHANCEMENT

- 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
- Expended 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/download (card information, configuration etc.) can be executed after authentication
- Added enforcement 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

BUG FIX

- 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

FIRMWARE VERSION 1.0.2.13

PRODUCT NAME

GDS3710 *(HW Supported: **1.2A, 1.3A, 1.3B, 1.5A, 1.6A**)*

DATE

06/26/2017

SUMMARY OF UPDATE

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

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***

ENHANCEMENT

- 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

BUG FIX

- 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.

FIRMWARE VERSION 1.0.2.9

PRODUCT NAME

GDS3710 *(HW Supported: **1.2A, 1.3A, 1.3B, 1.5A, 1.6A**)*

DATE

06/1/2017

SUMMARY OF UPDATE

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

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***

ENHANCEMENT

- 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.

BUG FIX

- 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.

FIRMWARE VERSION 1.0.2.5

PRODUCT NAME

GDS3710 *(HW Supported: **1.2A, 1.3A, 1.3B, 1.5A, 1.6A**)*

DATE

05/18/2017

SUMMARY OF UPDATE

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

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***

ENHANCEMENT

- 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)

BUG FIX

- 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.

FIRMWARE VERSION 1.0.1.19

PRODUCT NAME

GDS3710 *(HW Supported: **1.2A, 1.3A, 1.3B, 1.5A**)*

DATE

03/06/2017

SUMMARY OF UPDATE

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

ENHANCEMENT

- 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.

BUG FIX

- 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.