

# GDS3705 Firmware Release Notes

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## FIRMWARE VERSION 1.0.0.36

### PRODUCT NAME

GDS3705 (*HW Supported: 1.1A, 1.2A, 1.3A, 1.4A, 1.4B*)

### DATE

11/06/2018

### SUMMARY OF UPDATE

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

### FIRMWARE APPLIES TO BELOW HW VERSION ONLY

HW Version	FW	Comments
GDS3705 HW1.1A	YES	
GDS3705 HW1.2A	YES	
GDS3705 HW1.3A	YES	
GDS3705 HW1.4A	YES	FW1.0.0.20 as Initial Version for this HW version
GDS3705 HW1.4B	YES	FW1.0.0.20 as Initial Version for this HW version

### BUG FIX

- Fixed factory reset and configuration without another reboot the Weigand port will not open door.
- Fixed data import in CSV format is not complete.
- Fixed confirmation tone not played when using SIP phone remote open door.
- Fixed parallel hunting preview mode the one key open door feature failed.
- Fixed cannot set strong admin password with special characters included.
- Fixed security vulnerability to compromise root access via SSH.

### ENHANCEMENT

- Added ability to configure device with custom certificate signed by custom CA certificate
- Added SIP password hided and not visible in the WebUI
- Extended VLAN range from 0 ~ 55 to 0 ~ 4094
- Added option to display device temperature in Fahrenheit.
- Added support for special character "@" in the SIP User ID.

## **KNOWN ISSUES**

- Playing Prompt Audio from Proxy/UCM sometimes distorted.
- Dual Mic function is invalid.
- When doorbell volume set to 0 still hearing the ring back tone.
- Sending repeating registration packets to Server when receiving Terminate/Notify message.
- Silent Alarm to SIP phone still playing siren at phone side after pressing keypad at phone side

## **NEW HTTP API**

**N/A**

## **NEW P-VALUE**

**N/A**

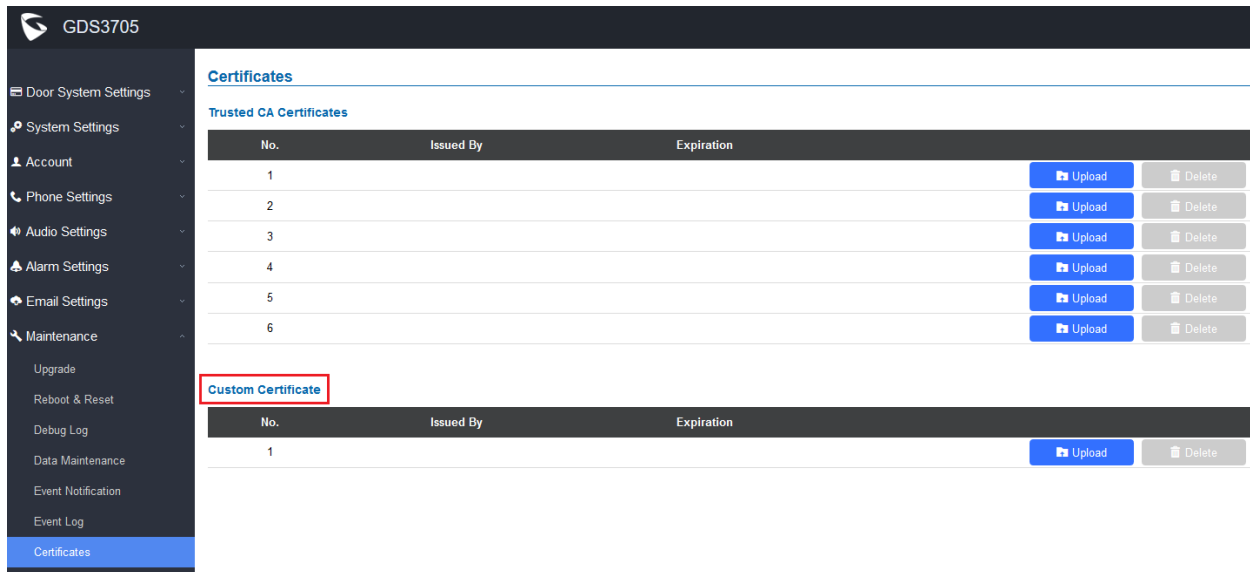
## NEW FEATURES OVERVIEW

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

### CUSTOM CERTIFICATE

- **Web Configuration**

New feature added to allow users to configure the device with custom certificate signed by custom CA certificate. This option can be found under device web UI: Maintenance → Certificates like below:



**GDS3705**

**Certificates**

**Trusted CA Certificates**

No.	Issued By	Expiration	Upload	Delete
1			Upload	Delete
2			Upload	Delete
3			Upload	Delete
4			Upload	Delete
5			Upload	Delete
6			Upload	Delete

**Custom Certificate**

No.	Issued By	Expiration	Upload	Delete
1			Upload	Delete

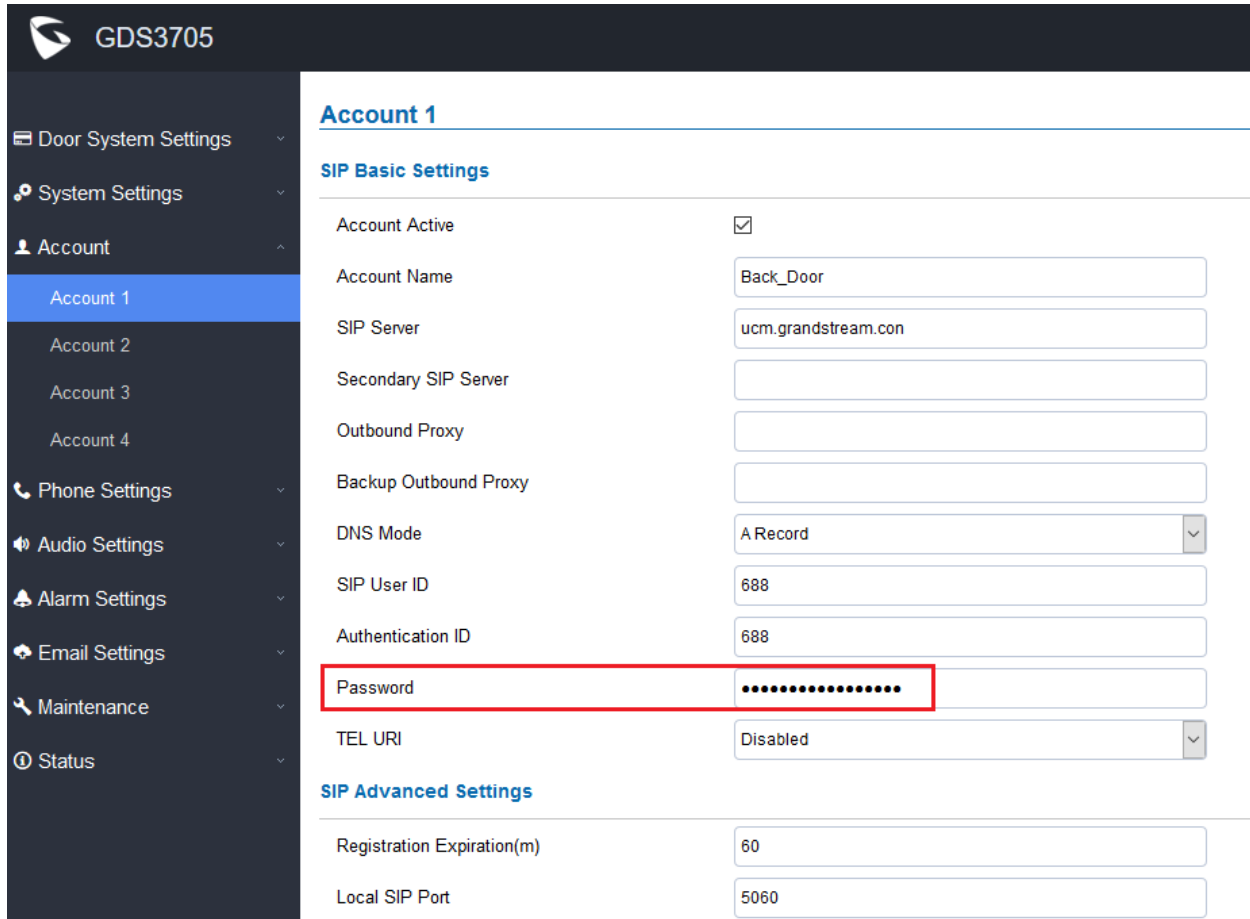
- **Functionality**

This feature is added to meet the requirement of ITSP customers. Service provider (ITSP) customers can make their own CA certificate and uploaded to the GDS device and provide service to their customers.

## INVISIBLE SIP PASSWORD

- **Web Configuration**

This feature is added to enhance the security of SIP accounts configured in GDS3705. This can be found under device web UI: Account → Account X (where X: 1 ~ 4)



**GDS3705**

**Account 1**

**SIP Basic Settings**

Account Active	<input checked="" type="checkbox"/>
Account Name	<input type="text" value="Back_Door"/>
SIP Server	<input type="text" value="ucm.grandstream.com"/>
Secondary SIP Server	<input type="text"/>
Outbound Proxy	<input type="text"/>
Backup Outbound Proxy	<input type="text"/>
DNS Mode	<input type="text" value="A Record"/>
SIP User ID	<input type="text" value="688"/>
Authentication ID	<input type="text" value="688"/>
<b>Password</b>	<input type="password" value="....."/>
TEL URI	<input type="text" value="Disabled"/>

**SIP Advanced Settings**

Registration Expiration(m)	<input type="text" value="60"/>
Local SIP Port	<input type="text" value="5060"/>

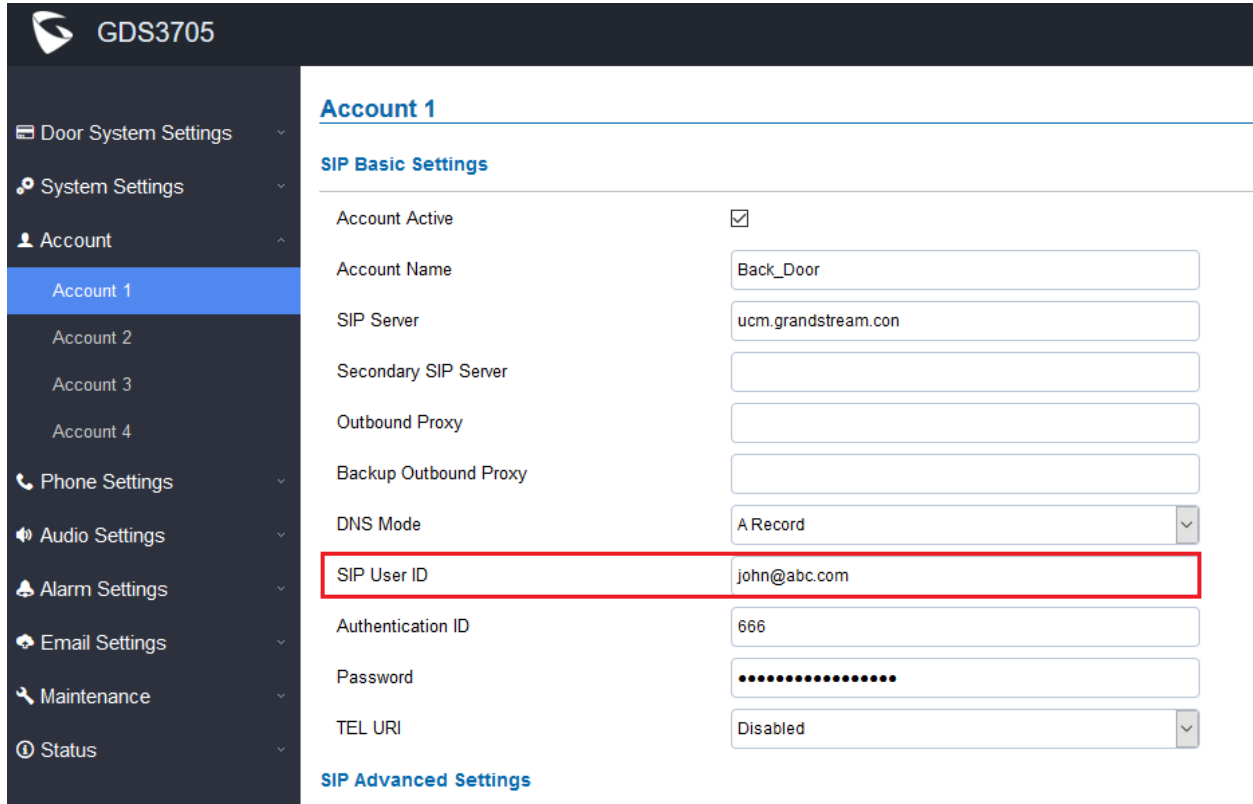
- **Functionality**

This feature is added to enhance the security of SIP accounts configured in GDS3705. Password is invisible from the webUI.

## SPECIAL SIP USER ID

- **Web Configuration**

This feature is added to enhance the compatibility of GDS3705 with some SIP Proxys which using special characters like “@” as user ID. This can be found under device web UI: Account → Account X (where X: 1 ~ 4)



**GDS3705**

**Account 1**

**SIP Basic Settings**

Account Active	<input checked="" type="checkbox"/>
Account Name	Back_Door
SIP Server	ucm.grandstream.com
Secondary SIP Server	
Outbound Proxy	
Backup Outbound Proxy	
DNS Mode	A Record
SIP User ID	john@abc.com
Authentication ID	666
Password	.....
TEL URI	Disabled

**SIP Advanced Settings**

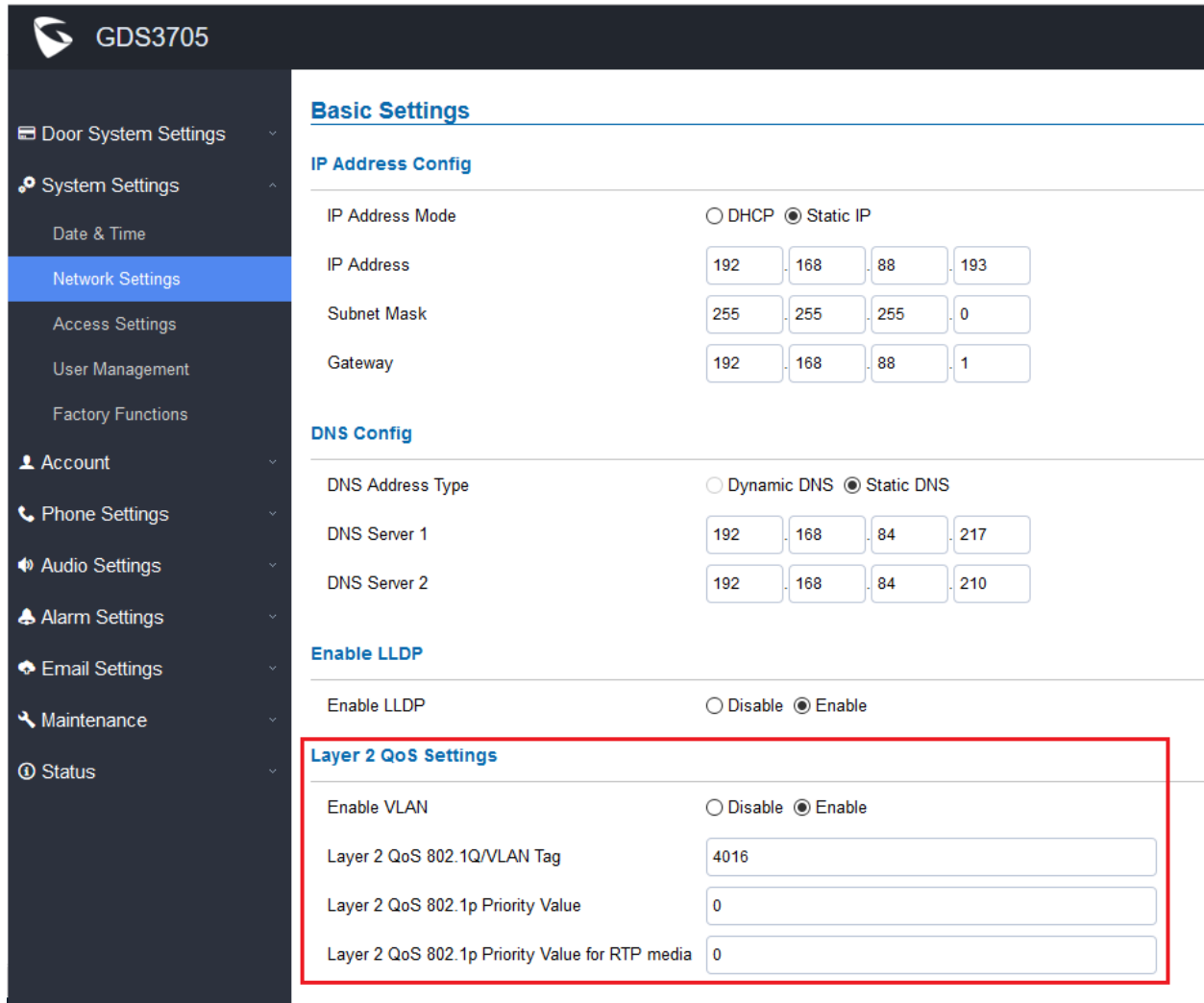
- **Functionality**

This feature is added to enhance the compatibility of GDS3705 with some SIP Proxys which using special characters like “@” as user ID.

## EXTENDED VLAN RANGE 0 ~ 4094

- **Web Configuration**

This feature is added to enhance the VLAN range. This can be found under device web UI: System Settings → Network Settings → Layer 2 QoS Settings:



The screenshot shows the web configuration interface for a GDS3705 device. The left sidebar contains a navigation menu with the following items: Door System Settings, System Settings (with sub-items Date & Time, Network Settings, Access Settings, User Management, and Factory Functions), Account, Phone Settings, Audio Settings, Alarm Settings, Email Settings, Maintenance, and Status. The main content area is titled 'Basic Settings' and includes sections for 'IP Address Config', 'DNS Config', and 'Enable LLDP'. The 'Layer 2 QoS Settings' section is highlighted with a red border and contains the following configuration options:

Section	Option	Value
IP Address Config	IP Address Mode	<input type="radio"/> DHCP <input checked="" type="radio"/> Static IP
	IP Address	192 . 168 . 88 . 193
	Subnet Mask	255 . 255 . 255 . 0
Gateway	Gateway	192 . 168 . 88 . 1
DNS Config	DNS Address Type	<input type="radio"/> Dynamic DNS <input checked="" type="radio"/> Static DNS
	DNS Server 1	192 . 168 . 84 . 217
	DNS Server 2	192 . 168 . 84 . 210
Enable LLDP	Enable LLDP	<input type="radio"/> Disable <input checked="" type="radio"/> Enable
<b>Layer 2 QoS Settings</b>		
Enable VLAN	<input type="radio"/> Disable <input checked="" type="radio"/> Enable	
Layer 2 QoS 802.1Q/VLAN Tag	<input type="text" value="4016"/>	
Layer 2 QoS 802.1p Priority Value	<input type="text" value="0"/>	
Layer 2 QoS 802.1p Priority Value for RTP media	<input type="text" value="0"/>	

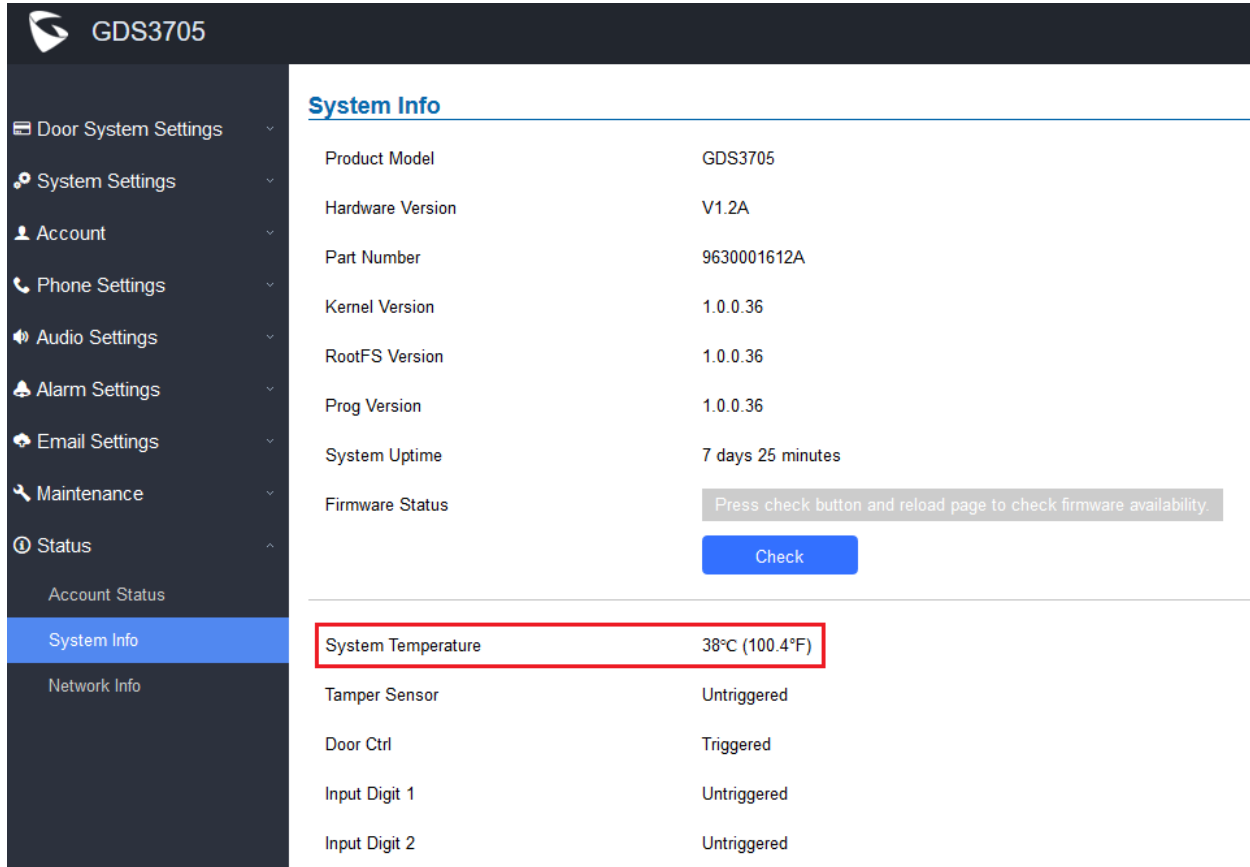
- **Functionality**

This feature is added to enhance the VLAN parameter settings. User can input the related VLAN parameters based on the appropriate network environment.

## DISPLAY TEMPERATURE IN FAHRENHEIT

- **Web Configuration**

This feature is added to meet customers' requirement. This can be found under device web UI: Status → System Info:



The screenshot shows the web configuration interface for a GDS3705 device. The left sidebar contains a menu with options: Door System Settings, System Settings, Account, Phone Settings, Audio Settings, Alarm Settings, Email Settings, Maintenance, Status, Account Status, System Info (highlighted), and Network Info. The main content area is titled 'System Info' and displays the following information:

Product Model	GDS3705
Hardware Version	V1.2A
Part Number	9630001612A
Kernel Version	1.0.0.36
RootFS Version	1.0.0.36
Prog Version	1.0.0.36
System Uptime	7 days 25 minutes
Firmware Status	Press check button and reload page to check firmware availability. <a href="#">Check</a>
<b>System Temperature</b>	<b>38°C (100.4°F)</b>
Tamper Sensor	Untriggered
Door Ctrl	Triggered
Input Digit 1	Untriggered
Input Digit 2	Untriggered

- **Functionality**

This feature is added to meet customers' requirement and user habit.



## **FIRMWARE VERSION 1.0.0.35**

### **PRODUCT NAME**

GDS3705 (*HW Supported: 1.1A, 1.2A, 1.3A, 1.4A, 1.4B*)

### **DATE**

10/19/2018

This is the initial firmware.