

HT813 Firmware Release Notes

Table of Content

| | |
|---|----------|
| FIRMWARE VERSION 1.0.5.2 | 2 |
| PRODUCT NAME | 2 |
| DATE | 2 |
| FIRMWARE FILE INFORMATION | 2 |
| ENHANCEMENT | 2 |
| BUG FIX | 2 |
| NEW FEATURES OVERVIEW..... | 2 |
| <i>CONNECTION REQUEST PORT</i> | 3 |
| <i>SIP USER-AGENT</i> | 3 |
| FIRMWARE VERSION 1.0.3.12 | 4 |
| PRODUCT NAME | 4 |
| DATE | 4 |
| FIRMWARE FILE INFORMATION | 4 |
| ENHANCEMENT | 4 |
| BUG FIX | 4 |
| NEW FEATURES OVERVIEW..... | 5 |
| <i>ALLOW SIP FACTORY RESET</i> | 5 |
| <i>PULSE DIALING STANDARD</i> | 5 |
| <i>RFC2833 COUNT</i> | 6 |
| <i>DISABLE WEAK TLS CIPHER SUITES</i> | 6 |
| <i>TLS VERSION</i> | 7 |
| <i>SYSLOG PROTOCOL</i> | 7 |
| FIRMWARE VERSION 1.0.1.2 | 8 |
| PRODUCT NAME | 8 |
| DATE | 8 |
| FIRMWARE FILE INFORMATION | 8 |
| BUG FIX | 8 |

FIRMWARE VERSION 1.0.5.2

PRODUCT NAME

HT813

DATE

04/15/2020

FIRMWARE FILE INFORMATION

- HT813 firmware file name: ht813fw.bin
MD5: b2882d93cf659701b132bfa2c1dd9d21

ENHANCEMENT

- Updated Brazil / Sao Paulo time zone to UTC-3 without Daylight Time Saving.
- Added support for unlimited ring without timeout. When configure “Ring Timeout” to 0, will have no ring timeout
- Added feature “Connection Request Port”. [CONNECTION REQUEST PORT]
- Added feature “SIP User-Agent”. [SIP USER-AGENT]

BUG FIX

- Fixed when device FXO port “Enable Polarity Reversal” set to Yes, FXO port does not have dial tone when doing PSTN to VoIP calls.
- Fixed the SSH connection will disconnected when enable or disable Telnet.
- Fixed FXO “NAT Traversal” could not be set via TR-069.
- Fixed device TR-069 NAT Traversal AvailableAddressingType does not have UPnP.
- Fixed device TR-069 Device.LAN.AddressingType lack of PPPoE.
- Fixed could DeleteObject or AddObject on ACS server.
- Increase the maximum ptime from 30 to 60 when using codec G729
- Fixed device SNMP host name is HT8XX instead of HT813.
- Fixed DHCP IP Lease Time could be set to negative.
- Fixed device will crash if factory reset via TR-069.
- Fixed PSTN pass through could not detect DTMFs after dial PSTN Access Code.
- Fixed device may OOM when doing upgrade.
- Fixed device LAN DHCP Base IP is not changing automatically when the WAN port receives 192.168.2.1 IP address from the network.

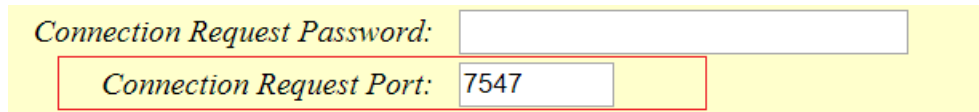
NEW FEATURES OVERVIEW

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

CONNECTION REQUEST PORT

- **Web Configuration**

User can find the configuration in Web UI -> Advanced Settings.



Connection Request Password:

Connection Request Port:

- **Functionality**

This feature allows user to configure the TR-069 connection request port.

- **New P Values**

| Pvalue | Description | Value range | Default |
|--------|-------------------------|-------------|---------|
| P4518 | Connection Request Port | 0 – 65535 | 7547 |

SIP USER-AGENT

- **Web Configuration**

User can find the configuration in Web UI -> FXS/FXO Port.



SIP User-Agent:

SIP User-Agent Postfix:

- **Functionality**

This feature allows users to configure SIP User-Agent. If not configured, device will use the default User-Agent header.

- **New P Values**

| Pvalue | Description | Value range | Default |
|--------|----------------------|--------------------------|---------|
| P29071 | SIP User-Agent (FXS) | 1024 – Max String Length | Null |
| P29171 | SIP User-Agent (FXO) | 1024 – Max String Length | Null |

FIRMWARE VERSION 1.0.3.12

PRODUCT NAME

HT813

DATE

11/08/2019

FIRMWARE FILE INFORMATION

- HT813 firmware file name: ht813fw.bin
MD5: 01a43fbb111953cb53969d0ee02ae7df

ENHANCEMENT

- Added support for T.38 Fax mode under FXO Port.
- Set the MAC address on syslog to lower case.
- Updated mini_httpd version to 1.30.
- Added ability to support provisioning server path containing the server authentication credentials for the DHCP option 66. Format should be "username:password@Provisioning_Server_IP".
- Added support for DHCP Option 67.
- Updated Dropbear version to 2019.78.
- Updated Pvalue for Automatic Upgrade from P194 to P22296.
- Updated "São Paulo" time zone to UTC-3.
- Added support for GDMS platform.
- Added feature "Allow SIP Factory Reset". [ALLOW SIP FACTORY RESET]
- Added feature "Pulse Dialing Standard". [PULSE DIALING STANDARD]
- Added support for RFC2833 Count. [RFC2833 COUNT]
- Added feature "Disable Weak TLS Cipher Suites". [DISABLE WEAK TLS CIPHER SUITES]
- Added feature "TLS Version". [TLS VERSION]
- Added feature "Allow SIP Factory Reset". [SYSLOG PROTOCOL]

BUG FIX

- Fixed incoming PSTN call only ring once on FXS port.
- Fixed HT813 will include the outbound proxy as Route in the ACK message which leads to calls disconnection.
- Fixed when there is no rport in OPTIONS, device will send 200 OK to the originating source port instead of the port in the Via header.
- Fixed device did not send PRACK option when "Enable 100rel" set to Yes.
- Fixed device will consistently resolve DNS before every STUN refresh interval.
- Fixed when enable SIP NOTIFY Authentication, device will reboot without sending a 200OK.
- Fixed when downloaded a config file, device could not escape "<, >, \", \", &" symbols properly.

- Fixed device sent SIP requests to outbound proxy 5060 when configured as a different port.
- Fixed Custom certificate provisioning failed using Pvalue P8472.
- Fixed device will keep sending BOOTSTRAP messages to ACS server.
- Fixed TR-069 manufacture field is empty on the INFORM header.
- Fixed dial plan prefix displayed null when set to “.
- Fixed device will crash when Caller ID Scheme set to NTT Japan.
- Fixed encryption xml file could not write to device successfully.
- Fixed when DNS SRV is used, device will send sip Register to wrong SIP destination port.

NEW FEATURES OVERVIEW

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

ALLOW SIP FACTORY RESET

- **Web Configuration**

User can find the configuration in Web UI -> FXS/FXO Port.

Allow SIP Factory Reset: No Yes

- **Functionality**

This feature allows user to reset the devices directly through SIP Notify.

- **New P Values**

| Pvalue | Description | Value range | Default |
|--------|-------------------------------|-------------------|---------|
| P26015 | Allow SIP Factory Reset (FXS) | 0 – No 1 – Yes | 0 - No |
| P26115 | Allow SIP Factory Reset (FXO) | 0 – No 1 – Yes | 0 - No |

PULSE DIALING STANDARD

- **Web Configuration**

User can find the configuration in Web UI -> FXS Port.

Enable Pulse Dialing: No Yes

Pulse Dialing Standard:

- **Functionality**

This feature allows users to use Swedish pulse dialing standard.

- **New P Values**

| Pvalue | Description | Value range | Default |
|--------|-----------------------------------|--|----------------------|
| P28165 | Pulse Dialing Standard (FXS Port) | 0 – General Standard 1 – Swedish Standard | 0 – General Standard |

RFC2833 COUNT

- Web Configuration**

User can find the configuration in Web UI -> FXS Port.

RFC2833 Events Count: (between 2 and 10, default is 8)
RFC2833 End Events Count: (between 2 and 10, default is 3)

- Functionality**

This feature allows users to customize the count of RFC2833 events and end events.

- New P Values**

| Pvalue | Description | Value range | Default |
|--------|-------------------------------------|-----------------------------|---------|
| P28173 | RFC2833 Events Count (FXS Port) | 2 – minimum 10 – Maximum | 8 |
| P28177 | RFC2833 End Events Count (FXS Port) | 2 – minimum 10 – Maximum | 3 |

DISABLE WEAK TLS CIPHER SUITES

- Web Configuration**

User can find the configuration in Web UI -> Advanced Settings.

Disable Weak TLS Cipher Suites:

- Functionality**

This feature allows users to disable weak ciphers.

- New P Values**

| Pvalue | Description | Value range | Default |
|--------|--------------------------------|--|------------------------------------|
| P8536 | Disable Weak TLS Cipher Suites | 0 – Enable Weak TLS Ciphers Suites 1 – Disable Symmetric Encryption RC4/DES/3DES 2 - Disable Symmetric Encryption SEED 3 - Disable All Of The Above Weak Symmetric Encryption 4 - Disable Symmetric Authentication MD5 5 - Disable All Of The Above Weak Symmetric Authentication 6 - Disable Protocol Version SSLv2/SSLv3 | 0 – Enable Weak TLS Ciphers Suites |

| | | | |
|--|--|--|--|
| | | 7 - Disable All Of The Above Weak Protocol Version 8 - Disable All Of The Above Weak TLS Ciphers Suites | |
|--|--|--|--|

TLS VERSION

- Web Configuration**

User can find the configuration in Web UI -> Advanced Settings.

Minimum TLS Version:
Maximum TLS Version:

- Functionality**

These features allow customer to chose desired TLS Version.

- New P Values**

| Pvalue | Description | Value range | Default |
|--------|---------------------|--|----------------|
| P22293 | Minimum TLS Version | 99 - Unlimited 10 – TLS 1.0 11 – TLS 1.1 12 – TLS 1.2 | 99 - Unlimited |
| P22294 | Maximum TLS Version | 99 - Unlimited 10 – TLS 1.0 11 – TLS 1.1 12 – TLS 1.2 | 99 - Unlimited |

SYSLOG PROTOCOL

- Web Configuration**

User can find the configuration in Web UI -> Advanced Settings.

Syslog Protocol:
Syslog Server:

- Functionality**

Allow users to customize the Syslog Protocol.

- New P Values**

| Pvalue | Description | Value range | Default |
|--------|-----------------|------------------------|---------|
| P8402 | Syslog Protocol | 0 – UDP 1 – SSL/TLS | 0 – UDP |

FIRMWARE VERSION 1.0.1.2

PRODUCT NAME

HT813

DATE

10/05/2018

FIRMWARE FILE INFORMATION

- Firmware file name: ht813fw.bin

MD5: abf81fb6f13276bcc6084124efd5c0ba

BUG FIX

- Fixed device will not unconditional Forward Calls to VoIP when FXO port is unregistered.
- Fixed Fax does not have Re-Invite message and Fax transmitted as Pass Through in T38 mode.
- Fixed device INVITE SDP message carried wrong Vocoder information.