

HT841/HT881 Firmware Release Notes

IMPORTANT UPGRADING NOTE

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FIRMWARE VERSION 1.0.3.4

PRODUCT NAME

HT841, HT881

DATE

10/23/2023

FIRMWARE FILE INFORMATION

- Firmware file name: ht8x1fw.bin
MD5: c07b9582ff0e837e3491edab1fe8f62f

ENHANCEMENT

- Added support “Polarity On Answer Delay”. [Polarity On Answer Delay]
- Updated config file download request starts from cfgMAC.xml.
- Added new value “4 - Auto” in NAT Traversal(P52/730/630).
- Added support “AVS DTMF Detector Parameter” [AVS DTMF Detector Parameters]
- Added support “Radius auth protocol”. [Radius Auth Protocol]
- Removed “Ring Timeout” (P816/516) from FXO page.

BUG FIX

- Fixed DNS SRV Failover fails when "Check Domain Certificates" is enabled.
- Fixed device config file download request does not start from cfgMAC.xml.
- Fixed NAT Traversal does not have the "Auto" option.
- Fixed Call Waiting CID cannot be displayed.
- Fixed an issue caused device echo during calls.

NEW FEATURES OVERVIEW

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

Polarity On Answer Delay

Users can find the configuration section in Web -> FXO Profile -> FXO Termination

Enable Polarity Reversal: No Yes (Default No. Check with your PSTN carrier before setting to Yes)

Polarity On Answer Delay: (200-30000 milliseconds. Default 1000 milliseconds)

- **Functionality**

This feature allows users to configure the Polarity On Answer Delay.

Pvalue	Description	Value Range	Default
28825 28826	Polarity On Answer Delay	Number: 200 - 30000	1000

AVS DTMF Detector Parameters

User can find the configuration section in Web -> FXO Profile/FXO Profile.

DSP DTMF Detector Min Level: (-45-0 dBm, default is -25)
DSP DTMF Detector Snr: (0-2, default is 1)
DSP DTMF Detector Deviation: (0-25, default is 25)
DSP DTMF Detector Twist: (0-12 dB, default is 5)
Disable DTMF Negotiation: No (negotiate with peer) Yes (use above)

- **Functionality**

This feature allows users to configure the AVS DTMF detector related parameters. DSP DTMF Detector Min Level sets the minimum level required for DTMF tone to be considered valid, DSP DTMF Detector SNR sets the Maximum signal-to-noise ratio required for DTMF tone to be considered valid, DSP DTMF Detector Deviation sets the deviation, above and below the central frequency, DSP DTMF Detector Twist sets the maximum value by which one frequency energy level can surpass another frequency energy level.

Pvalue	Description	Value Range	Default
28804 28805 28806	DSP DTMF Detector Min Level	Number: -45 – 0	-25
28808 28809 28810	DSP DTMF Detector SNR	Number: 0 – 2	1
28812 28813 28814	DSP DTMF Detector Deviation	Number: 0 – 25	25
28816 28817 28818	DSP DTMF Detector Twist	Number: 0 – 12	5

Radius Auth Protocol

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

Error: Reject Access Authenticate Locally

RADIUS Auth Protocol:

RADIUS Auth Server Address:

RADIUS Auth Server Port:

RADIUS Shared Secret:

- **Functionality**

This feature allows users to configure RADIUS authentication protocol.

Pvalue	Description	Value Range	Default
28803	RADIUS Auth Protocol	Number: 0 – PAP 1 – CHAP 2 – MsCHAPv1 3 – MsCHAPv2	0 – PAP

FIRMWARE VERSION 1.0.1.2

PRODUCT NAME

HT841, HT881

DATE

9/4/2023

FIRMWARE FILE INFORMATION

- firmware file name: ht8x1fw.bin

MD5: a22de4261464c204dd4b6029c8fbb92d

ENHANCEMENT

- This is the initial release version of HT8X1 firmware.