

HT80X V2/HT81X V2 FIRMWARE RELEASE NOTES

IMPORTANT UPGRADING NOTE

Hardware	Firmware Version	Restrictions and Cautions
HT801 V2 HT802 V2 HT812 V2 HT814 V2 HT818 V2	1.0.9.3+	Once HT801 V2/HT802 V2/HT812 V2/HT814 V2/HT818 V2 is upgraded to firmware 1.0.9.3 or later, downgrading to 1.0.7.5 or earlier is not supported due to CPU frequency adjustments.

TABLE OF CONTENT

IMPORTANT UPGRADING NOTE	1
FIRMWARE VERSION 1.0.15.3	3
PRODUCT NAME	3
DATE	3
COMPONENT VERSIONS	3
FIRMWARE FILE INFORMATION	3
CHANGES SINCE FIRMWARE VERSION 1.0.15.1	3
<i>ENHANCEMENT</i>	3
<i>BUG FIX</i>	3
NEW FEATURES OVERVIEW	3
<i>HTTP/HTTPS User-Agent</i>	3
<i>Layer 2 QoS 802.1p Priority Value</i>	4
<i>Use X-switch-info Header</i>	4
PREVIOUS FIRMWARE VERSIONS	6

FIRMWARE VERSION 1.0.15.3

PRODUCT NAME

HT801 V2, HT802 V2, HT812 V2, HT814 V2, HT818 V2

DATE

09/17/2026

COMPONENT VERSIONS

Program 1.0.15.3; Core 1.0.15.2; Base 1.0.15.3; Boot 1.0.15.2; CPE 1.0.5.47

FIRMWARE FILE INFORMATION

- HT801 V2/HT802 V2 firmware file name: ht80xv2fw.bin
MD5: 4851433dca98c09c8250c9b799d079fc
- HT812 V2/HT814 V2/HT818 V2 firmware file name: ht81xv2fw.bin
MD5: 07c2fa713b6ce88452d168b13ed0d44

CHANGES SINCE FIRMWARE VERSION 1.0.15.1

ENHANCEMENT

- Added support for the HTTP User-Agent header. [HTTP/HTTPS User-Agent]
- Added wildcard support ({PN}, \$PN, \${PN}) for PN, MAC, VendorName, ModelName, HwVersion, FirmwareVersion, and Suffix across provisioning parameters (override_tftp_server, Firmware Server Path(P192), Config Server Path (P237), HTTP User-Agent header(P1541), SIP User-Agent (P29071/P29171)).
- Added support for Layer 2 QoS 802.1p Priority Value. [Layer 2 QoS 802.1p Priority Value]
- Add support for Zoom X-switch-info SIP Header. [Use X-switch-info Header]

BUG FIX

- Fixed issue with 802.1Q tag not being added when "Enable Manual VLAN" is enabled.
- Fixed issue where busy tone did not play immediately after loop current.
- Fixed Direct IP Calling not routing calls to the configured Local SIP Port.
- Fixed an issue where "Enable Manual VLAN Configuration" (P22174) failed to reboot automatically.
- Fixed internal bugs.

NEW FEATURES OVERVIEW

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

HTTP/HTTPS User-Agent

- **Web Configuration**

Users can find the configuration section in Network Settings -> Advanced Settings -> Advanced Settings.

Use ARP to detect network connectivity ⓘ ☒

HTTP/HTTPS User-Agent ⓘ

Maximum Transmission Unit (MTU) ⓘ

- **Functionality**

This feature allows users to configure the “HTTP/HTTPS User-Agent” option. It allows users to configure the user-agent for HTTP/HTTPS requests.

- **Configuration Parameters**

Web UI Configuration	P Number	P Value/Range
HTTP/HTTPS User-Agent	P1541	String; maximum 128 characters Default: (Null)

Layer 2 QoS 802.1p Priority Value

- **Web Configuration**

Users can find the configuration section in Network Settings -> Advanced Settings-> Advanced Settings.

Layer 2 QoS 802.1Q/VLAN Tag ⓘ ⓘ

Layer 2 QoS 802.1p Priority Value ⓘ ⓘ

Layer 2 QoS SIP 802.1p ⓘ ⓘ

- **Functionality**

This feature allows users to configure the “Layer 2 QoS 802.1p Priority Value” setting. 802.1p priority is specified in the Tag Control Information (TCI) field of the 802.1Q header. During network congestion, switches use this value (ranging from 0 to 7) to prioritize packet transmission, where 0 represents the lowest priority and 7 the highest.

- **Configuration Parameters**

Web UI Configuration	P Number	P Value/Range
Layer 2 QoS 802.1p Priority Value	P87	Number: 0 - 7 0 – Lowest priority (default value) 7 – Highest priority

Use X-switch-info Header

- **Web Configuration**

Users can find the configuration section in Port Settings -> Profile or FXS-> SIP Settings.

Use P-Early-Media Header  ☐

Use X-switch-info Header  ☐

SIP REGISTER Contact Header Uses  ☒ LAN Address ☐ WAN Address

- **Functionality**

This feature allows users to configure the “Use X-switch-info Header” setting. It configures whether the "X-switch-info Header" is included in the SIP REGISTER request.

- **Configuration Parameters**

Web UI Configuration	P Number	P Value/Range
Use X-switch-info Header	P60070 P60170	Number: 0 – No (default value) 1 – Yes

PREVIOUS FIRMWARE VERSIONS

Version	Date	Firmware Information
1.0.15.1	07/21/2026	Release Notes
1.0.13.5	07/07/2026	Release Notes
1.0.11.4	04/03/2026	Release Notes
1.0.9.4	03/06/2026	
1.0.9.3	02/10/2026	Release Notes
1.0.7.5	12/25/2025	Release Notes
1.0.5.10	10/16/2025	Release Notes
1.0.5.9	08/23/2025	Release Notes
1.0.5.7	06/11/2025	Release Notes
1.0.5.5	04/02/2025	Release Notes
1.0.5.4	03/11/2025	Release Notes
1.0.5.3	02/28/2025	Release Notes
1.0.3.10	01/20/2025	Release Notes
1.0.3.8	01/09/2025	
1.0.3.5	11/22/2024	Release Notes
1.0.1.16 HT80x V2	11/01/2024	Release Notes
1.0.1.16 HT81x V2	10/23/2024	Release Notes