

Date: 15th September 2026

TAx6xx and PAx6xx WEB SENSOR FIRMWARE VERSION 11-0-1-2 RELEASE NOTES

This document describes how to update TAx6xx and PAx6xx Web Sensors to firmware version 11-0-1-2. The firmware can be updated via the web interface. **Before proceeding with the update, please read the instructions in this document carefully.**

OVERVIEW

Supported device types:

TAx6xx devices: TA3610, TA3611, TA7610, TA4611, TA0610, TA7611, TA5640, TA4621, TA3621, TA3645, TA7640

PAx6xx devices: PA8652, PA8611, PA8641, PA8610

Device serial numbers: all production devices manufactured up to the date of this document. The firmware is not compatible with pre-production hardware using an older RTC chip.

Important notes:



- Do not upload firmware to unsupported device types. Uploading firmware to an unsupported device may permanently damage the device.
- Upload firmware obtained only from the manufacturer or an official distributor. Firmware from unknown sources may compromise device security.
- Do not turn off the device or disconnect the Ethernet cable during the update process.
- Do not refresh the web browser page or close the browser window during the update process.
- Do not terminate the update process manually. Please wait until the update is complete.
- The update process may take up to one minute.
- Firmware update to version 11-0-1-2 from earlier versions should preserve device settings.
- If the device has an IP address assigned by a DHCP server, a timeout may be displayed after the update procedure, even if the update was successful. This is due to the IP address being changed by the DHCP server.
- It is recommended to back up device configuration before performing the update.
- Firmware downgrade via the web interface is not supported.

UPDATE PROCEDURE

1. Open the device web interface at the Service options → Firmware Update and upload the .img firmware file.
2. Wait until the update process is complete. This will take approximately one minute.
3. Verify the device settings after the update.

FIRMWARE CHANGELOG

Version 11-0-1-2 – bugfix-update-1 (2026-09-15):

- **Overview**
 - This version includes stability improvements and fixes a security vulnerability.
- **Bugfixes**
 - WS2-0005: Fixed the default URL for COMET Cloud.
 - WS2-0006: Fixed the security vulnerability CVE-2026-8836 in the SNMPv3 protocol.
 - WS2-0007: Fixed an issue where invalid measured values were temporarily displayed in the web interface after certain configuration changes.
 - Improved the stability of the web server and Cloud protocol.
 - Other minor fixes and improvements.
- **Checksum**
 - SHA256: 5496bd4de17f777caea86ebd20a58f6944337bf2eeb402c842762f44c3fbeca2

Version 11-0-1-1 – ODM-update (2026-06-11):

- **Overview**
 - This version adds support for one of the ODMs. Devices running version 11-0-1-0 do not need to be updated, as this release does not include any new features or bug fixes.
- **Checksum**
 - SHA1 WS2-11-0-1-1.img: 5c223ef7e7a9939e75f358d56e256b1cc6999923

Version 11-0-1-0 – SNMP-update (2026-05-27):

- **Overview**
 - Second production release with minor bug fixes and SNMPv3 improvements.
- **Improvements**
 - Adds support for SHA256 authentication for SNMPv3.
 - Adds support for AES-256 encryption for SNMPv3.
- **Bugfixes**
 - WS2-0001: Fixed time synchronization issue with COMET Cloud (feature not yet implemented in COMET Cloud).
 - WS2-0002: Fixed a potential issue with web pages when invalid values are returned.
 - WS2-0003: Fixed issues (boot and restart issues) caused by a hardware problem with the Ethernet PHY chip.
 - WS2-0004: Fixed missing arrow symbol in the Cloud test field in the web GUI.
- **Checksum**
 - SHA1 WS2-11-0-1-0.img: 9737a7e8883bac115ad33c20c06f825e7c74a060

Version 11-0-0-6 – RTM (2026-04-16):

- **Overview**
 - Initial production release version.
- **Improvements**
 - Improved time synchronization capability with COMET Cloud.
- **Bugfixes**
 - Fixed a web server lockup on port 80 under stress test conditions.
 - Improved behavior when a settings session in the web interface is cancelled.
 - Fixed an issue where an incorrect timestamp was sent to the Cloud when the time was changed in the web interface.
 - Fixed an issue with Cloud URLs using a non-standard HTTP(S) port when the domain was resolved via DNS to an IPv6 address (AAAA record).

- Other minor fixes and improvements.
- **Checksum**
 - SHA1 WS2-11-0-0-6.img: 732cd1831e22d2ff5d63b240ea0e4eb4eff46100

Version 11-0-0-3 – RC3 (2026-03-23):

- **Overview**
 - Pre-production release candidate version 3.
 - Updating from previous versions to this version may not be possible.

TECHNICAL SUPPORT AND FEEDBACK

Technical support for Web sensors is provided by the device distributor. In case of any issues, please feel free to contact us at support@cometsystem.com. When submitting a support request, we recommend including a diagnostic file downloaded from the device. **We highly appreciate feedback from end users, whether positive or negative. Please share your experiences and suggestions for improving our products.**

Comet R&D team