

---

# Araknis 620 Switch Firmware Release Notes

---

Click to download the latest version:

- [AN-620-SW-R-8-POE](#)
  - [AN-620-SW-R-24-POE](#)
- 

## Version 1.1.14

Release date: 2025/11/20

### New features

- Improved Device Interoperability: Added support for IEEE 1905.1 protocol to enhance communication between networking devices.
- Smarter Power Management: PoE ports now power up sequentially for better stability and energy efficiency.
- Enhanced Security Access: Added user interface support for 802.1x authentication.
- Custom DNS Settings: You can now manually set static DNS addresses like 1.1.1.1.

### Bug Fixes & Improvements

- Multicast & DHCP Enhancements: Improved handling of multicast traffic and DHCP snooping for more reliable network behavior.
- PoE Negotiation: Resolved issues with some PoE negotiation.
- Security Updates: Upgraded SSH and SNMP protocols and added support for stronger encryption algorithms.

- Configuration Reliability: Fixed issues with VLAN, ACL, and QoS settings to ensure smoother setup and operation.
- Crash Recovery: Addressed rare cases of system crashes and improved error handling during firmware updates.

## Minor Bug Fixes & UI Improvements

- Improved field validation and error messaging across various configuration pages.
- Fixed UI glitches including redirect issues, save errors, and layout inconsistencies.
- Enhanced LLDP behavior and corrected display issues in the CLI and web interface.

## Cybersecurity Enhancements

This release includes multiple security hardening updates to improve protection against known vulnerabilities and ensure compliance with modern standards.

---

## Version 1.1.06

Release date: 2024/08/08

This release addresses an issue where switches may randomly restart. This fix increases network reliability and stability.

---

## Version 1.1.05

Release date: 2024/04/25

This firmware release includes feature improvements and addresses a few open bugs that affected a subset of AN-620 switches where performance was reduced below its capabilities. These fixes include a compatibility issue with certain 1Gbps interfaces had

lower-than-expected throughput, fan controllers that did not adhere to the proper algorithm and stayed at 100% speed, an issue where the switch may get stuck in the boot state, and general performance enhancements.

## Bug fixes

- Resolved a compatibility issue with certain 1Gbps interfaces which could result in lower-than-expected throughput.
- Resolved an issue where the fan controller may not adhere to the fan speed algorithm.
- Resolved an issue where SSH port changes itself when adjusting the timeout value.
- Resolved the System Log showing incorrect messaging about Telnet logins.
- Improved the session timeout user experience.
- Addressed password change and error issues.
- Resolved an issue where the SNMP port was open by default.
- Added IEEE 1905.1.
- Adjusted SNTP default and value ranges.



**Note:** This upgrade may take up to 10 minutes to write the firmware to the subcomponents. It is recommended to perform the firmware upgrade using OvrC. If you upgrade using the local UI and the web page does not auto-redirect, try logging in after 15 min with a different browser tab.

## Known issues

- PIM packets do not flood from the same VLAN.
- LLDP packets do not immediately send if the waiting time is over the reinitialization-delay time.

- The TX-delay does not follow the timer setting after being changed.
  - "Port Description" in "show LLDP local gi 0/1" changes after saving the configuration and reloading.
  - Setting the max response time (1/10 seconds) to the maximum of 255 on IGMPv3, DUT sends IGMP query packets with a max response time of 25.6.
  - The unit of "IGMP max query response time" is "tenths of seconds" in tips but "seconds" in show command.
- 

## Version 1.1.04

- This is the initial release