N-Tron® Series

Release Notes
NT24k® Gigabit Ethernet Switches

Firmware Release | November 2019
LP1129 | Revision A

Through Version 2.2.3

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N-Tron® Series NT24k® Release Notes

NT24k Gigabit Ethernet Switch Release Notes

This Document Applies to these Models:

- NT24k Compact model switches

- NT24k Modular model switches

Document Change History

Version	Date	Description
2.2.3	November 11, 2019	Release 2.2.3 System Firmware
2.1.10	September 24, 2018	Release 2.1.10 System Firmware
2.0.7	February 8, 2018	Release 2.0.7 Boot Loader and System Firmware
2.0.6	November 30, 2017	Release 2.0 Boot Loader and System Firmware
1.11.6	September 11, 2017	Release 1.11.6 Boot Loader and System Firmware
1.10.2	October 25, 2016	Release 1.10.2 System Firmware
1.10.2	October 25, 2016	Release 1.10.2 Boot Loader
1.9.2	July 25, 2016	Release 1.9.2 System Firmware
1.8.5	July 25, 2016	Release 1.8.5 Boot Loader

NT24k Boot Loader

1.1 Boot Loader 1.11.16 to 2.0.7 Delta

- Added support for new features.

1.2 Boot Loader 1.10.2 to 1.11.16 Delta

- Added support for new models.

1.3 Boot Loader 1.8.5 to 1.10.2 Delta

- Added support for new switch model.

1.4 Boot Loader 1.5.1 to 1.8.5 Delta

- Added new switch model attribute to the system configuration tag of an exported configuration file.

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• Bootloader update to prevent reboot during an update.

1.5   Boot Loader 1.4.0 to 1.5.1 Delta

• Added new switch model attribute to the system configuration tag of an exported configuration file.

NT24k System Firmware

1.6   Firmware Release Version 2.1.10 to 2.2.3 Delta

• Added support for LLDP
• SNMP MIB updates
• SNMP Web Configuration improvements
• Corrected PTP issue that caused dropped communication between a PTP clock source and a PTP client
• PTP performance improvements
• DHCP Improvements
• System security improvements
• Implemented the Wind River VxWorks operating system Urgent/11 patch
  Visit https://support.redlion.net/hc/en-us/categories/360002087671-Security-Alerts for more information.

Previous Versions

1.7   Firmware Release Version 2.0.7 to 2.1.10 Delta

• Added support for:
• DHCP Server
• DHCP Relay Agent
• Port Security - MAC address based

1.8   Firmware Release Version 1.11.16 to 2.0.7 Delta

• Added support for IEEE 1588v2 enabled models

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- Added security enhancements

- Support for local access Radius authentication

- Ability to disable NTCD configuration device access

- Ability to configure the minimum and maximum password lengths

1.9 Firmware Release Version 1.10.2 to 1.11.16 Delta

- Added support for Syslog and Event Log Filtering
- Added support for new models.

1.10 Firmware Release Version 1.9.2 to 1.10.2 Delta

- Added support for new model
- Added PoE Management features
- PoE Management web pages
- PoE Management SNMP MIB
- PoE Help pages
- Added file transfer ability from the CLI using TFTP
- Added a CLI command to show port settings

1.11 Firmware Release Version 1.8.5 to 1.9.2 Delta

- Updated and certified CIP to ODVA Conformance Level CT12
- Extended SNMP to support TFTP file transfers
- SNMP MIB improvements

1.12 Firmware Release Version 1.7.4 to 1.8.5 Delta

- Added support for NT24k Compact fiber models
- Added support for TFTP
- Miscellaneous web GUI improvements

1.13 Firmware Release Version 1.6.0 to 1.7.4 Delta

- Added support for NT24k-8TX, NT24k-16TX, NT24k-8TX-POE
- New Features: IEEE 802.1x, RADIUS remote server authentication, SNTP
- Date/time display enhanced to include the time zone and UTC offset
- Corrected N-Ring port set display when mode is disabled
- Fixed: IGMP problem where the querier did not always change to a new lower IP querier
- SNMP enhancements
- Event log enhancements
- Miscellaneous web GUI Improvements

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- Corrected data source blocking with port mirroring
- Improved port filtering on port configuration page
- Changed logic to make the default VLAN the management VLAN when the last VLAN is deleted

1.14 Firmware Release Version 1.5.1 to 1.6.0 Delta

- New Features: Event Log; System date/time
- Miscellaneous improvements