



N-Tron[®] Series

Release Notes

NT24k[®] Gigabit Ethernet Switches

Firmware Release | September 2018

Through Version 2.1.10

COPYRIGHT

© 2015-2018 Red Lion Controls, Inc. All rights reserved. Red Lion, the Red Lion logo and Sixnet are registered trademarks of Red Lion Controls, Inc. All other company and product names are trademarks of their respective owners.

Red Lion Controls
20 Willow Springs Circle
York, PA 17406

CONTACT INFORMATION:

Inside US: +1 (877) 432-9908
Outside US: +1 (717) 767-6511

Website: www.redlion.net

Email: customer.service@redlion.net

Table of Contents

N-Tron® Series NT24k Gigabit Ethernet Switch Release Notes

This Document Applies to these Models:	1
Document Change History	1
NT24k Boot Loader	1
1.1 Boot Loader 1.11.16 to 2.0.7 Delta	1
1.2 Boot Loader 1.10.2 to 1.11.16 Delta	1
1.3 Boot Loader 1.8.5 to 1.10.2 Delta	1
1.4 Boot Loader 1.5.1 to 1.8.5 Delta	1
1.5 Boot Loader 1.4.0 to 1.5.1 Delta	2
NT24k System Firmware	2
1.6 Firmware Release Version 2.0.7 to 2.1.10 Delta	2
Previous Versions	2
1.7 Firmware Release Version 1.11.16 to 2.0.7 Delta	2
1.8 Firmware Release Version 1.10.2 to 1.11.16 Delta	2
1.9 Firmware Release Version 1.9.2 to 1.10.2 Delta	2
1.10 Firmware Release Version 1.8.5 to 1.9.2 Delta	3
1.11 Firmware Release Version 1.7.4 to 1.8.5 Delta	3
1.12 Firmware Release Version 1.6.0 to 1.7.4 Delta	3
1.13 Firmware Release Version 1.5.1 to 1.6.0 Delta	3

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
2.1.10	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.
- 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 2.0.7 to 2.1.10 Delta

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

Previous Versions

1.7 Firmware Release Version 1.11.16 to 2.0.7 Delta

- Added support for IEEE 1588v2 enabled models
- 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

1.8 Firmware Release Version 1.10.2 to 1.11.16 Delta

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

1.9 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

1.10 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

1.11 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

1.12 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
- 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

1.13 Firmware Release Version 1.5.1 to 1.6.0 Delta

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