

Korenix JetNet Industrial Managed Switch 5728G-24P SOFTWARE RELEASE Notes

Before Upgrade

Before you use the Switch firmware, please ensure that you know the product number and use the correct firmware version. By reading the file, you can know the new feature and changes, the fixed bugs and the restrictions. You can find the latest firmware in the Korenix web site, <http://www.korenix.com> or get the help from Korenix Customer Support, Korecare@korenix.com.

About This Software Version

The version number and the release date.

Version	Release Date	Model
V1.2a (Boot loader v0.3.0.10)	Nov. 16, 2011	JetNet 5728G-24P
V1.2 (Boot loader v0.3.0.10)	Sep. 5, 2011	JetNet 5728G-24P
V1.1 (Boot loader v0.3.0.10)	Feb. 17, 2011	JetNet 5728G-24P
V1.0b (Boot loader v0.3.0.10)	Nov. 11, 2010	JetNet 5728G-24P
V1.0 (Boot loader v0.3.0.9)	Sep. 30, 2010	JetNet 5728G-24P

CAUTION: You can only update the correct firmware to the JetNet switches. Ensure the product model number before you start updating. Please upgrade the firmware first then boot loader if current version is not match with the new released code. Both of firmware and boot loader can be upgraded by JetView utility or JetView Pro i²NMS. In the upgrade duration, the system power must be very steady to ensure the flash programming quality.

Important!

Upgrade firmware shall follow the following sequence:

- First, upgrade new version firmware by JetView utility
- Secondary, upgrade new version Boot loader by JetView if Switch boot loader is old version.
- After Boot loader upgrade finished, it will auto restart system to enable the new functions.

New Changes and Improvement:

The following changes apply to the version v 1.2:

- Add MSTP feature
- Add QinQ feature
- Add private VLAN feature
- Apply the new design of daylight saving time

The following changes apply to the version v 1.1:

- Decrease the max value of DC power budget to 400 from 480 in SNMP, CLI and Web UI.
- Fix the bug that jetview can't find the device that is changed ip by jetview.
- Fix the budget bug of AC power that is zero when system temperature is lower than zero.

The following changes apply to the version v 1.0b:

- Add SFP DDM and GMRP mib
- Fix the redundant sfp present check at system start stage
- Add SN information at console when plugging SFP

Fixes for Known Faults

The following fixes apply to version v 1.2a

- Fix the bug that rmon causes system crash with forwarding igmp control flow and igmp data flow for 1 or 2 days. (bug #980)

The following fixes apply to version v 1.2

- In the single topology, if non-ring Port transmits MSR abnormal Control packets (Priority-255), it may cause loop and will need to unplug and plug ring port to work around loop situation. (bug #824)
- In the single ring topology, if Multicast filtering function is enabled, the MSR Control Packets will be dropped. It will cause MSR mal-function. (bug #825)
- Enable IGMP & IGMP Snooping function, manually link down member ports and change them to other ports, the snooping table may not be updated. (bug #860)

Known Restrictions or Limitation

- The snmp trap can't display detail information (ex.di,do). (bug#268)
- Link up and down quick in Multiple Ring might cause the recovery time over 1 sec. (bug#307)
- If configure the Management VLAN to VLAN2, set the ring port to VLAN2 trunk port, and set VLAN1 is non-access, the ring control packets can't be passed and the ring would be in the abnormal status. (bug#349)

- GMRP may only learn the multicast group address at VLAN 1. (bug #365)
- LACP group 1 fa1-2 unplug the leader port, the convergence time takes around 30 sec. before the data forwarding. (bug #764)
- If enable "Send to Query Ports" function, unplug Ring Port or RSTP Port or RDH Port, DUT will clear the Snooping Table which may causes few multicast data lost. (bug #868)
- Create multiple VLANs, ex. 100 VLANs, it will take a while to show mac-address table dynamic. (bug #876)