

Thank you for purchasing the Asante FriendlyNET® switch. This release note applies only to:

- **FriendlyNET FM2009**
Part number: 99-00685-XX
Sub-assembly: 61-20685-01

Version History

- 1.09: Initial Release of version 1.x
- 1.10 DEC 2004: Enhanced version with new features and problems fixed

Firmware Version

The file name for the downloadable firmware is

- fm2009_v110.bin

md5sum = 31313554530416323356be754b2fb7f9

Note: The md5 checksum is provided for file integrity purposes. It is strongly suggested that users who have downloaded this firmware from the Internet should run a checksum against the image code to verify it did not get corrupted during transfer/download. The md5sum utility can be found on Linux/Unix and OS X operating systems and a free utility can be obtained for Windows at <http://winmd5sum.solidblue.biz/>.

Bug Fixes and Enhancements

1. Now has STP conformance and IEEE 802.1d compliance.
2. When forwarding STP BPDU, each port now has unique MAC address.
3. Port will forward STP BPDU regardless of whether STP is enabled or disabled.
4. Now complies with RFC2236 and draft-ietf-magma-snoop-08 so it is IGMP V2 compliant.
5. Improves performance on multi-cast to shorten the latency and increase throughput.
6. Fixes bugs on SNMP "get next" so it can continue to be responsive, even in stress test environment.
7. Now supports RFC2674 802.1p & 802.1q BridgeMib.
8. Backdoor password for debug purposes is removed.
9. Restricts the root user to only either login through telnet or connect to local console.
10. Modifies the implementation of ARP (Address Resolution Protocol).
11. Prolongs the ARP entry aging timer to 20 minutes.

12. ARP table entry includes VLAN ID.
13. ARP table maintains VLAN tag information.
14. Fixes bug that the MIB objects in the private MIB tree could not be set (change value).
15. Fixes the SNMP agent ip routing table errors.

Known Problems and Limitations

1. Spanning Tree Protocol does not work if port trunking is enabled.

Technical Support and Updates

For technical assistance or to download the latest documentation, visit www.asante.com/support