

DeviceNet Router

Release Notes

A-DNTR

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Firmware Revision 1.008

CONTENTS

1. Preface.....	2
1.1. Compatibility.....	2
1.2. Notes.....	2
1.3. Additional Information.....	2
1.4. Support.....	3
2. Improvements.....	3
3. Anomalies Fixed.....	3
4. Known Anomalies.....	4



1. PREFACE

1.1. COMPATIBILITY

Firmware revision 1.008 of the DeviceNet Router will require the following compatible versions:

Software	Version
Slate	1.025 and later

1.2. NOTES

The following should be noted:

- Firmware upgrades will be done using Aparian's Slate software.
- Aparian flash files have an *.afb* extension.
- Slate can also be used to set the initial network parameters using its DHCP server.
- Should any interruptions cause the module to not complete the firmware upgrade the module will return to Safe Mode. The user can then re-flash the module with the application firmware. See the user manual for more information regarding Safe Mode.

1.3. ADDITIONAL INFORMATION

The following resources contain additional information that can assist the user with the module installation and operation.

Resource	Link
Slate Installation	http://www.aparian.com/software/slate
DeviceNet Router User Manual DeviceNet Router Datasheet Example Code & UDTs	http://www.aparian.com/products/devicenetrouter
Ethernet wiring standard	www.cisco.com/c/en/us/td/docs/video/cds/cde/cde205_220_420/installation/guide/cde205_220_420_hig/Connectors.html
CIP Routing	The CIP Networks Library, Volume 1, Appendix C:Data Management

1.4. SUPPORT

Technical support will be provided via the Web (in the form of user manuals, FAQ, datasheets etc.) to assist with installation, operation, and diagnostics.

For additional support the user can use either of the following:

Contact Us web link	www.aparian.com/contact-us
Support email	support@aparian.com

2. IMPROVEMENTS

The following updates are included in this firmware revision.

Revision	Improvement	Description
1.008	Config Loading	When a EMC events occurs such that the DeviceNet Router loads corrupted configuration, the configuration is then not cleared and the device will run for 10s before reattempting to load the configuration.
1.006	DeviceNet	Add support for 1771-SDN/B module which uses Group 2 Explicit Messaging.
1.005	PCCC	Added support for Read/Modify/Write PCCC functions.
1.004	Rotary Switches	Rotary Switches removed.
	EtherNet/IP	Improvements to EtherNet/IP libraries
	Scheduled Parameter	Add Scheduled Parameter mode
	EtherNet/IP management	Improvements to EtherNet/IP connection management

3. ANOMALIES FIXED

The following anomalies have been fixed in this firmware revision.

Revision	Anomaly	Description
1.008	None	-
1.007	Multi IP Address	Fixed anomaly where the second IP address could not be contacted after unplugging and reinserting the Ethernet cable
1.004	PCCC	Fix PLC5 type in emulation

4. KNOWN ANOMALIES

The following known anomalies exist in this firmware revision.

Revision	Anomaly	Description
1.008	None	-