

# CANbus Router/B

## Release Notes

A-CANBR/B

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Firmware Revision 1.001.002

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# 1. PREFACE

## 1.1. COMPATIBILITY

Firmware revision 1.001.002 of the CANOpen Router/B will require the following compatible versions:

Software	Version
Slate	1.091 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	<a href="http://www.aparian.com/software/slate">http://www.aparian.com/software/slate</a>
CAN Bus Router User Manual CAN Bus Router Datasheet Example Code & UDTs	<a href="https://www.aparian.com/products/CANbusRouterb">https://www.aparian.com/products/CANbusRouterb</a>
Ethernet wiring standard	<a href="http://www.cisco.com/c/en/us/td/docs/video/cds/cde/cde205_220_420/installation/guide/cde205_220_420_hig/Connectors.html">www.cisco.com/c/en/us/td/docs/video/cds/cde/cde205_220_420/installation/guide/cde205_220_420_hig/Connectors.html</a>

## 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	<a href="http://www.aparian.com/contact-us">www.aparian.com/contact-us</a>
Support email	<a href="mailto:support@aparian.com">support@aparian.com</a>

## 2. IMPROVEMENTS

The following updates are included in this firmware revision.

Revision	Improvement	Description
1.001.002	RS232 and RS485 Statistics	Create separate serial statistics for RS232 and RS485.

## 3. ANOMALIES FIXED

The following anomalies have been fixed in this firmware revision.

Revision	Anomaly	Description
1.001.002	EIP Originator Connection Instance	Fixed anomaly where the incorrect Connection Instance number was used for Connection Instances that are 16-bit.
	Modbus Client Default Gateway	Fixed issue that would cause communication issues with multiple Modbus TCP Servers on a different subnet when using a Default Gateway.
	DHCP Domain Server	Fixed anomaly where a DHCP Server providing a single Domain Server IP address could cause the module to crash.
	CAN Receive Criteria	Fixed anomaly where the Mask ID was not applied to the ID Criteria as well.

## 4. KNOWN ANOMALIES

The following known anomalies exist in this firmware revision.

Revision	Anomaly	Description
1.001.002	None	-