

# DH485 Router

## Release Notes

A-DH485R

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Firmware Revision 1.004

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# 1. PREFACE

## 1.1. COMPATIBILITY

Firmware revision 1.004 of the DH485 Router will require the following compatible versions:

Software	Version
Slate	1.031 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>
DH485 Router User Manual DH485 Router Datasheet Example Code & UDTs	<a href="http://www.aparian.com/products/dh485router">http://www.aparian.com/products/dh485router</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>
CIP Routing	The CIP Networks Library, Volume 1, Appendix C:Data Management
Map PLC/SLC messages	SLC to CompactLogix Migration Guide: Chapter 3 – Map PLC/SLC Messages (1769-ap001_-en-p.pdf) EtherNet/IP Network Configuration: Chapter 5 – Mapping Tags (enet-um001_-en-p.pdf)

## 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
1.004	None	-
1.002	PCCC	Added support for PCCC protocol.
	PanelView 800	Added support for PanelView 800 interfacing.

## 3. ANOMALIES FIXED

The following anomalies have been fixed in this firmware revision.

Revision	Anomaly	Description
1.004	Routed PCCC Message	Fixed issue where certain routed PCCC messages did not send to the correct destination address.
	CIP Statistics	Fixed minor anomalies in the CIP statistics
1.003	Multi IP Address	Fixed anomaly where the second IP address could not be contacted after unplugging and reinserting the Ethernet cable
1.002	CIP Port	Updated CIP Port object to address DH485 Port expansion issue.

## 4. KNOWN ANOMALIES

The following known anomalies exist in this firmware revision.

Revision	Anomaly	Description
1.004	None	-