

Allen-Bradley 20-COMM-D Series A

Firmware Update Instructions

July 21, 2003

UPDATE CAN BE APPLIED TO:

Product Catalog #	20-COMM-D Series A
Description	DPI to DeviceNet Communications Module
Firmware	All revisions of firmware

REVISION INFORMATION AFTER UPDATE IS APPLIED:

Product Revision	1.007
Application Program Firmware Revision	1.007.04
Boot Program Firmware Revision	1.007.04



Once a flash update has been started, do not remove power from the DPI Host (e.g.; PowerFlex drive) until after the download has completed and the PORT LED on the 20-COMM-D becomes SOLID GREEN. If power is removed before this occurs, the 20-COMM-D may be permanently damaged. A 20-COMM-D that has been damaged in this way cannot be repaired.

NOTE: This update may cause the 20-COMM-D parameters to revert to default values. You may want to save your configuration using DriveExplorer or DriveExecutive before upgrading.

ControlFLASH & DriveExplorer FLASH UPDATE INSTRUCTIONS:

If upgrading from a non-production version earlier than 1.003*, first obtain and apply the 1.003 update. If upgrading from 1.003 or later, install and use the ControlFLASH kit provided. The filename for this kit is:

1. 20-COMM-D_1_007_04_Update.exe

NOTE: When upgrading from 1.003, all parameters in the 20-COMM-D will be set to their default values. If the 20-COMM-D is configured to obtain its DeviceNet node address from the "DN Addr Cfg" parameter, after a flash update the 20-COMM-D will be DeviceNet node 63. If the 20-COMM-D "DN Addr Cfg" parameter was set to any other value before the update began, ControlFLASH will display several error messages since it can no longer communicate with the 20-COMM-D at the old node address.

HyperTerminal UPDATE INSTRUCTIONS:

If upgrading from a non-production version earlier than 1.003*, first obtain and apply the 1.003 update.

If upgrading from any other 1.003 or later release, use HyperTerminal to load the following files in the order listed:

1. 20-COMM-D_1_007_04_Boot.bin
2. 20-COMM-D_1_007_04_Combo.bin

* Non-production versions of 20-COMM-D code were provided only as beta units. Any version having a lower major or minor revision number (e.g.; 0.005 or 1.002) and a 1.003 version having a build number less than 67 (e.g.; 1.003.63) is a "non-production version earlier than 1.003".