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4865B Change History

1.0 INTRODUCTION

This document lists the change history for the 4865B GPIB to Ethernet (VXI-11) Instrument

2.0 CHANGES

Revision	Date and Change	
00.x0	01-03-13	Internal testing version.
00.x1	01-09-13	Initial Beta Version.
00.00	03-04-13	Revision updated to revision 0 for shipping.
00.01	03-15-13	Corrected EndFlg to properly terminate device_write messages without a linefeed terminator.
00.02	03-21-13	Fixed EOS would not update problem.
00.03	04-25-13	Miscellaneous corrections for Raw Socket operation.
00.04	07-22-13	RDY LED now off until IP address set and unit ready to find the companion instrument. EOSchar blank setting fixed. Default IP now Static at 169.254.48.65 for Windows 7 compatibility.
00.05	07-24-13	Removed test routine to speedup raw socket operation.

2.0 CHANGES CONTINUED

Revision	Date and Change
00.06	07-29-13 Added 'Add EOS character to GPIB Device Message' for GPIB Controllers that do not include a termination character with the device message. Warning: Enabling this setting can adversely affect binary data transfers.
00.07	08-06-13 Changed Raw Socket operation from timing out and closing the socket to the companion instrument in two seconds to wait until the 4865B's stack reports the companion instrument is non-responsive before closing the stack. Code optimized to increase GPIB data transfer rate by 2x. This change will only show up with large data transfers.
00.08	09-12-13 Corrected incoming stack transfer errors and GPIB retransmit pointer error to eliminate GPIB data loss when reading large messages.
00.09	09-26-18 Temporary change of the VXI11_timeout value for compatibility tests with a customer. Never released to manufacturing.
00.10	11-12-18 Added a configuration variable to set the VXI11_timeout value. Setting range is 150 to 10,000 ms.
00.12	04-12-22 Added LAN Instrument Input command converter; Fixed the last-character loss problem; Added multi-segment responses handling; Enhanced the management of flash memory read/write operations;
00.13	02-22-23 Improved LAN management, especially in case of incorrect DHCP configuration; The 4865B will be present on the GPIB Bus whether or not it is connected to the LAN Instrument. It is now possible to revert the 4865B to the factory settings without pressing the LAN reset button. This is obtained by sending the command SYSTEM:LANRESET over the GPIB link.
00.14	05-25-23 Improved LAN Instrument connection management