

Firmware Revision History

Summary of Production Releases for EGX100

Release Version	Date	File Name(s)	Changes Since Previous Version
3.000	8/28/2012	eg03000.bin	Modifications: <ul style="list-style-type: none">Added SAP device Auto-Discovery (User Guide updated). Issues Addressed: <ul style="list-style-type: none">Upgraded the NET+OS from v6.1 to 7.3.
2.900	3/7/2011	eg02900.bin	Modifications: <ul style="list-style-type: none">Forced the RS-485 transmitter to always be enabled when the serial port is configured for 4-wire master mode. Issues Addressed: <ul style="list-style-type: none">Corrected the issue of a NAK (0x07) exception, sent by the EGX100 in response to a CRC or Protocol error from a slave, returning a device ID of 0.Added Check for Subnet masks of 255.255.255.255.Added validation for the IP/Subnet Mask combination.
2.800	9/15/09	eg02800.bin	This version released to support manufacturing.
2.700	4/23/08	eg02700.bin	Modifications: <ul style="list-style-type: none">Improved MBTCP Server to better work with networks that have a small MTU where the Modbus packet would be segmented into more than one packet.Improved setting the speed/duplex.Configuration now prevents the last octet of the IP address from being set to 0 or 255.
2.600	4/27/07	eg02600.bin	This version released to support manufacturing.

Release Version	Date	File Name(s)	Changes Since Previous Version
2.500	01/26/2006	eg02500.bin	<p>Added Firmware features:</p> <ul style="list-style-type: none"> • Added support for 4 MB FLASH. • Added validation of version number to download routine. • Added ModbusTCP/IP Proxy feature to 'Slave' mode. • Added limited gateway support for invalid addresses 248-253. • Added 'Odd' as a valid parity setting in slave and master modes. • Added support for FTP Time-out. <p>Modifications:</p> <ul style="list-style-type: none"> • Forced messages with addresses not in the device list to be ignored when in slave mode (no exception response is sent). • Improved communications for heavily loaded subnets in 4-wire mode by forcing the RS485 driver to always be asserted when in Master Mode. • Limited configuration of the MBTCP Connection Timeout to a range of values from 0 to 32767 seconds. • Improved Modbus Broadcast reliability in heavy gateway traffic.
2.200	02/16/2006	eg02200.bin	<p>Modifications:</p> <ul style="list-style-type: none"> • Corrected "Invalid IP Address Detected" error when either IP or Default Gateway last octet is 0 or 255. • Corrected infinite error message when duplicate device IDs are entered into the device list. • Improved the handling of unsolicited or late replies by a slave device. • Changed from a fixed destination station address of 0x01 to the device ID of the intended device when converting a Modbus command to PNIM. • Corrected subnet masking when working with Class C networks.
2.000	9/16/05	eg02000.bin	This is the first production release.