

October 17, 2017

Product Update: Master 810 and 2410 Network Controllers

As part of LMI Technologies' commitment to the continuous improvement of our products, we would like to inform you of enhancements to the Master 810 and 2410 series of Network Controllers.

1. Increased Maximum Encoder Frequency on Master 810

Effective Immediately, LMI is updating the Master 810 units with the ability to divide the encoder quadrature frequency by a factor ranging from 2 to 128. This increases the encoder quadrature frequency limit from 300 kHz to a new maximum of 6.5 MHz!

Users are able to select the value of the divider via new DIP switches accessible on the rear panel of the Network Master. Details can be found in the *Configuring Master 810* section of the Gocator user manual.

The default value for the divider is 1x, meaning that the new units are 100% backwards compatible with existing devices. As a result, no change is required on your part to incorporate this update into existing installations.

LMI will be updating the Master 2410 units, and will send a similar notification at that time.

2. Updated Firmware to Support Bi-Directional Index Pulse Detection

Effective Immediately, shipments of Master 810 and Master 2410 units will incorporate updated firmware that supports bi-directional detection of the encoder zero index pulse. Prior to this firmware update, the zero index pulse was only detected when the encoder was incremented in the positive direction.

This firmware update is 100% backwards compatible with the current firmware. If your current application does not require bi-directional detection of the encoder zero index pulse, no change is required. If your application requires this feature and you have already received Master 810 or Master 2410 units, please contact your LMI account manager.

Ordering

As all changes described above require no changes to existing installations, you can continue to order your current Master 810 and Master 2410 using the existing part numbers below.

Item	Part Number
Master 810	301114
Master 2410	301115

Please contact your LMI account manager with any questions.