



# Firmware Release Notes

## Ethernet Interface

### Firmware Update

It is strongly recommended to update units to the latest firmware version. Download the Ethernet Interface manual for instructions, see [PRODUCTS\ Ethernet Interface \DOWNLOADS](#) on our website.

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# 1 Information on this document

## 1.1 Introduction

The Ethernet Interface firmware is continuously updated to improve functionality, enhance reliability, and resolve known issues. These release notes summarize the changes introduced in each firmware version and serve as a reference for users and service personnel.

**Safety Notice:** Before performing any firmware update, all safety precautions described in the Ethernet Interface product manual must be followed. Ensure that the Ethernet Interface is installed, operated, and updated only under safe conditions.

To guarantee optimal operation, it is strongly recommended to update units to the latest available firmware. Detailed instructions for performing the update are provided in the Ethernet Interface product manual, available on the [Delta Elektronika website](#)

To update a unit from the Ethernet Interface, please follow the instructions in Section 1.2. A detailed list of changes per firmware version can be found in Chapter 2.

## 1.2 Firmware Update

1. Download the latest product manual from the Delta Elektronika website and follow the update instructions: [Products > Interfaces > Ethernet Interface > Downloads > Manuals > Product Manual](#).
2. Download the latest firmware update package from: [Products > Interfaces > Ethernet Interface > Downloads > Firmware > Firmware update](#).
3. Perform the update as described in the product manual.

## 1.3 Additional information

The following documents and files related to firmware updates are available on the website:

Document name	Type
Product Manual Ethernet Interface	Manual
Firmware Release Notes Ethernet Interface	Release Notes
Firmware Package Ethernet Interface	Firmware

## 1.4 Firmware update subscription service

A firmware update subscription service is offered free of charge. Subscribers receive notifications when new firmware versions are released, including links to the firmware files and release notes.

To subscribe, please use the [Newsletter subscription form](#) and select the relevant product.

## 1.5 Contact

For additional guidance, remarks, or feedback, please visit our website and use the [contact form](#). A structured technical contact form is available to provide detailed descriptions and upload files

In case of malfunction or breakdown, please fill out the [RMA-form](#) to get the product serviced.

## 2 Revision History

### 2.1 Legend

- N = New feature
- V = Valuable improvement
- B = Bug fix

### 2.2 Changes from P0102 to P0110

Release date: June 24<sup>th</sup>, 2020

- B Stability improvement**  
Spontaneous resets accrued when build in as an option. Often occurring in combination with sequencer functionality.
- V Update behavior improvement**  
When the PSC-ETH has no direct control over the output (e.g. with PSC-ETH EXT), updating will stall since the output must be discharge before the update mechanism will continue. Now the signal RSD is used to disable the output.

### 2.3 Changes from P0101 to P0102

Release date: December 5<sup>th</sup>, 2019

- B Updated manual**  
The equations for calibration are corrected.
- B Improved calibration**  
Calibration commands of Vmon, Imon and Iprg are more accurate now.
- V Improved Front control stability**  
Improved stability of the controls of the front functions via Ethernet or Web.

### 2.4 Changes from P0100 to P0101

Release date: November 21<sup>st</sup>, 2019

- B Improvement of Front lock behavior**  
Setting the front lock mode via Ethernet commands is functioning properly now.
- B Revised Execution commands**  
Commands sent via Ethernet, related to output on/off and remote CV/CC do not cause malfunction anymore.
- V Improved IP setting storage behavior**  
IP settings done via the DE\_Configurator are stored in memory automatically now.
- B Revised Sequence Ethernet commands**  
The commands PROG:SEL:STEP ?, PROG:SEL:LABEL? and PROG:CAT? are working properly now.
- B Corrected Output button operation**  
Operation of the output mode button on the web page is corrected.