

## Firmware change-log of new features and bug fixes of the u-remote field bus coupler: 1334910000 UR20-FBC-EC

### Firmware updating Information:

An update of the firmware could be done via the built-in couplers web server. A description of the firmware update can be found in the u-remote manual on the Weidmüller website: [www.weidmueller.com](http://www.weidmueller.com)

### Version 01.00.45

Release date: February 02, 2016

#### **Attention:**

- Coupler firmware versions below 01.00.45 to 01.00.45 or above need to be updated in two steps. (See separate PDF document).

#### **New features:**

- New module classes added for "Functional and Safety" in the ESI file.
- New coupler parameter "Force Lock" implemented. With this parameter the force mode can be blocked by the PLC.
- Parameters editing in Operational Mode enabled.

#### **Bug Fixes:**

- Fixed the incorrect bit size for the 1SSI and PF-O-SIL 1DI module.
- CAN object 1C32:0C fixed.
- Incorrect parameter name for the 4DI 4DO PN FSoE module fixed (ESI file change).
- Firmware update via FoE is fixed.
- Corrected behavior of module status LED in WEB-Server for UR20-PF-O-1DI-SIL, UR20-PF-O-2DI-SIL and UR20-PF-O-2DI-SIL-DELAY

#### **New supported modules:**

- 1315440000 UR20-16DO-N
- 1315750000 UR20-1COM-232-485-422
- 2007430000 UR20-1COM-SAI-PRO
- All SAI-AU Mx SB Modules (IP 67)

### Version 01.00.40

Release date: September 07, 2015

#### **New features:**

- New web application – Note: It's necessary to update the language file, if the coupler has an older FW-version  $\leq$  01.00.40
- Default password for the web server
- FSOE extensions
- Web server by default accessible via Ethernet

#### **New supported module:**

- 1529780000 UR20-4DI-4DO-PN-FSOE
- 1529800000 UR20-8DI-PN-FSOE

### Version 01.00.37

Release date: May 22, 2015

#### **New supported module:**

- 1315390000 UR20-16DI-N
- 1315400000 UR20-16DI-N-PLC-INT
- 1315580000 UR20-1CNT-500
- 1508090000 UR20-1SSI
- 1550070000 UR20-4DI-2W-230V-AC
- 1315350000 UR20-4DI-N
- 1315410000 UR20-4DO-N
- 1315420000 UR20-4DO-N-2A
- 1315370000 UR20-8DI-N-3W
- 1315430000 UR20-8DO-N
- 1315220000 UR20-4DO-P
- 1394400000 UR20-8DI-P-3W

**New features:**

- Improved comparison between target and actual set-up of a station
- Better EtherCAT compatibility

**Bug Fixes:**

- Parameters in the wrong sequence for 8AI-I-16-DIAG-HD

**Version 01.00.36****Release date: March 20, 2014****New supported module:**

- 1508080000 UR20-2FCNT-100

**Bug Fixes:**

- Restarts field bus after re-plugging the field bus cable
- “All outputs off” for “Behavior of outputs on field-bus error” now works
- Writing parameters to the PWM-Module causes a coupler reset
- Output data of the last module in the station might be corrupted if it is a 16 or 32-Bit module

**Version 01.00.33****Release date: March 20, 2014****New features:**

- Distributed clock
- New parameter Intel or Motorola data format

**Bug Fixes:**

- Improvement in the fail-safe value behavior at hot swap
- Support the default language of the PC in the web server

**Version 01.00.32****Release date: November 25, 2013**

First released version