

Firmware change-log of new features and bug fixes of the u-remote field bus coupler: 1334930000 UR20-FBC-MOD

Firmware updating Information:

An update of the firmware can be done via the embedded web server. A description of the firmware update can be found in the u-remote web server manual on the Weidmüller website: www.weidmueller.com

Version 02.07.00 Hardware Version 01.xx.xx Release date: July, 2019

New features:

- Support of acyclic services for UR20-4COM-IO-LINK, e.g. for download of configuration via PLC
- Web server accepts download of IO-Link configuration file during active fieldbus connection
- EULA confirmation on first start of web server
- New button in web server "Module parameters" replaces old parameter "Save module parameters"

Bug Fixes:

- Fixed that IE11 sometimes doesn't update web server after factory reset

Known issue:

- "Retrieve calibration sheet" button in web server view of UR20-2AI-SG-24-DIAG has no effect

Version 02.06.00 Hardware Version 01.xx.xx Release date: March, 2019

New supported modules:

- 1315740000 - UR20-4COM-IO-LINK (requires Module Firmware version 01.02.00 or above)

Bug Fixes:

- After first activation, additional Modbus TCP port cannot be deactivated by setting "additional TCP port" to "0"
- Gateway is no longer mandatory when setting IP address in web server

Version 02.05.00 Hardware Version 01.xx.xx Release date: July, 2018

New supported modules:

- 2489830000 - UR20-1SM-50W-6DI2DO-P
- 2456530000 - UR20-8DIO-P-3W-DIAG
- 2555940000 - UR20-8AI-RTD-DIAG-2W
- 2544660000 - UR20-4AI-UI-DIF-32-DIAG

New features:

- Service file and configuration file names now contain coupler type and serial number

Bug Fixes:

- Fixed that Function Code 22 (Mask write register) modifies only high byte of the specified register
- Fixed that IE freezes after applying out of range parameter values occasionally

Version 02.04.00 Hardware Version 01.xx.xx Release date: April, 2018

Information:

- Couplers with hardware version \geq 01.22.00 can't get downgraded below firmware version 02.04.00

Version 02.03.00 Release date: December 2017

For couplers with a firmware version below 02.00.08 please see update information of version 02.00.08!

New features:

- Reset button appears automatically when changes in parameter settings require a restart to take effect
- Added display of slot numbers to list of compatible modules after selecting a firmware file in multi-update view
- Added password policy and weak password check - default username and password will remain the same
- New languages for Web Server available for download. Korean, French, Spanish, Portuguese and Italian
- Added new register 0x100E 'Port Link Status' which has two flags to show which port has a link

Bug Fixes:

- Fixed issue that live module unplug/replug sometimes corrupts I/O mapping
- Fixed issue that re-installation attempt of language files sometimes causes an error message

New supported modules:

- 2457250000 - UR20-4DO-ISO-4A
- 2457240000 - UR20-8DI-ISO-2W

Version 02.02.01**Release date: May 17, 2017**

For couplers with a firmware version below 02.00.08 please see update information of version 02.00.08!

New features:

- Access of an illegal register address is causing a diagnose
- Added new register range with coupler serial number
- Added new register with 16 Bit "Life Signal" counter with 1ms tick

Bug Fixes:

- Configuring an additional TCP Port doesn't require power cycle anymore
- Reconnection via additional TCP port is possible now

Web Application:

- Improved naming of parameter "Restore module parameters" and its options
- Tooltips for Coupler LEDs
- Improved arrangement of module parameters and general information
- Display of raw process data next to converted physical value

New supported modules:

- 2456540000 - UR20-4AI-RTD-HP-DIAG
- 2453880000 - UR20-4AO-UI-16-M
- 2453870000 - UR20-4AO-UI-16-M-DIAG

Version 02.01.00**Release date: October 04, 2016**

For couplers with a firmware version below 02.00.08 please see update information of version 02.00.08!

New features:

- Edit IP settings via fieldbus
- Module black list detection - coupler rejects incompatible modules (UR20-xxx-FSPS, UR20-xxx-FSOE)

Bug Fixes:

- Web application performance increased
- Optimized wording of options of coupler parameter "Save module parameter"
- Status of "Connected to fieldbus" in web server now gets updated when Modbus watchdog is triggered
- Wording of UR20-2FCNT-100 in web server now matches with manual

New supported modules:

- 1990070000 - UR20-2AI-SG-DIAG

Version 02.00.13**Release date: June 06, 2016****Attention:**

- Coupler with firmware versions < 02.00.08:
- The firmware update to 02.00.08 is mandatory before an update to a higher firmware is possible.

Bug Fixes:

- Maximum number of possible Modbus clients is increased from 8 to 64
- Plugging a physical link does no longer reset Modbus watchdog
- Web application accepts 0.0.0.0 as gateway address
- UR20-4DO-PN-2A : showing the switching mode: "n-switching" or "p-switching" instead of "0" or "1" in the web application
- UR20-2FCNT-100 : value range for current period and present period is corrected
- UR20-4AI-TC-DIAG: value range for temperature units F and K is correct implemented

New supported modules:

- 2001670000 - UR20-4AI-R-HS-16-DIAG
- 1993880000 - UR20-4AI-UI-DIF-16-DIAG
- 2007420000 - UR20-3EM-230V-AC
- 1315400000 - UR20-16DI-N-PLC-INT
- 1315450000 - UR20-16DO-N-PLC-INT

Version 02.00.08**Release date: February 02, 2016****Attention:**

- Coupler firmware versions $\leq 02.00.08$ need to be updated in two steps.
(See separate PDF document: "Application Note Firmwareupdate UR20 coupler").

Bug Fixes:

- Modbus connection timeout handling idle times above 10 minutes
- 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
- Display of an error message during the coupler reset in the Web-Server
- Force Mode of the Web-Server improved

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 02.00.04**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 $\leq 02.00.04$
- Default password for the web server
- Web server by default accessible via Ethernet
- parameters via file transferable to other coupler
- problem with Schneider PLC fixed with quick ARP requests

Version 01.00.37**Release date: October 21, 2014****New features:**

- New parameter "static ip after DHCP" which is the default setting for start up now
- Link u-remote inputs to holding registers

New supported module:

- 1508080000 UR20-2FCNT-100

Bug Fixes:

- Trigger of the watch now works correct
- Parameter setting via Webserver of 2CNT Modules now works

Version 01.00.34**Release date: March 20, 2014****New features:**

- 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 01.00.33**Release date: November 25, 2013**

- First released version