

**Firmware change-log of new features and bug fixes of the u-remote field bus coupler:
1334940000 UR20-FBC-PL****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 01.15.00 Hardware Version 01.xx.xx Release date: February, 2025

New features:

- Improved hot swap properties - requires UR20-AUX-VSYS as last module on the station

Bug Fixes:

- Fixed Object 0x2008 and 0x2020 usage for UR20-3EM-400V-AC-*
- Fixed parameterization of new plugged modules after coupler restart

Version 01.14.00 Hardware Version 01.xx.xx Release date: October, 2024

New supported modules:

- 2920830000 - UR20-3EM-400V-AC-CT1A
- 2920840000 - UR20-3EM-400V-AC-CT5A
- 2920850000 - UR20-3EM-400V-AC-RC
- 2920860000 - UR20-3EM-400V-AC-333MV
- 2489840000 - UR20-1COM-CAN

Bug Fixes:

- Fixed in web application option to restore default parameters
- Option handling optimized
- Input process data set to "0" for applications with power feed modules in case the module is powered off
- WebApp: Fixed display of substitute values for UR20-2PWM-I-2.5A-2DI-P

Version 01.13.00 Hardware Version 01.xx.xx Release date: June, 2024

New features:

- Add new Object 0x2008 (Module List Live)
- Add new Object 0x2020 (Module Status Unpacked)

Bug Fixes:

- Fixed issue with Module Status when hot-swapping wrong module
- Configuration check (Object 0x2005) ignores entries with value 0

New supported modules:

- 3036960000 - UR20-2PWM-PN-0.5A-V2
- 3036950000 - UR20-2PWM-PN-2A-V2

Version 01.12.00 Hardware Version 01.xx.xx Release date: November, 2023

Attention: Please perform a Factory Reset after updating to FW 01.12.00

New features:

- Option handling
- Ring buffer for "diagnosis" and "process alarms"

Bug Fixes:

- Fixed issue that the "module status" did not show an error for "incorrect module"

New supported modules:

- 2489840000 - UR20-1COM-CANOPEN

Version 01.10.00 Hardware Version 01.xx.xx Release date: August, 2022

New supported modules:

- 2697910000 - UR20-2PWM-I-2.5A-2DI-P

Version 01.09.01 Hardware Version 01.xx.xx Release date: March, 2022

Bug Fixes:

- Fixed issue that the module status and module diagnostics did not show present errors after power cycle of the coupler when the error originally occurred before the power cycle

Version 01.09.00 Hardware Version 01.xx.xx Release date: March, 2022

New features:

- After starting web server's Force Mode, force state of DOs can directly be set to 'off' (previously only 'on' was available)
- New file manager for import and export of multiple files

Bug Fixes:

- Fixed that analogue output values could become 0 when maximum value is forced via webserver

New supported modules:

- 2816740000 - UR20-1COM-232-485-422-V2

Caution:

- This firmware requires "u-mation Device Configurator" ≥ version 1.3.1

Version 01.08.00 Hardware Version 01.xx.xx Release date: March, 2020

New features:

- Web server now offers to save and load a "Customisation file" which contains station parameters and tag names in one file
- Support of IO-LINK Device Configurator file upload via acyclic services

New supported modules:

- 2566960000 - UR20-4AI-UI-ISO-16-DIAG
- 2566970000 - UR20-2AO-UI-ISO-16-DIAG
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Bug Fixes:

- Coupler now resends module parameters to UR20-1SM-50W-6DI2DO-P after power cycle of the module's external power supply
- "Retrieve calibration sheet" button in web server view of UR20-2AI-SG-24-DIAG works again

Known issue:

Web server sometimes freezes after downgrade from firmware 02.09.00 until browser cache gets cleared

Version 01.07.00 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
- Minor fixes in XDD files

Known issue:

- "Retrieve calibration sheet" button in web server view of UR20-2AI-SG-24-DIAG has no effect
- Warning messages during import of XDD files in Automation Studio v4.5

Version 01.05.00 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

New features:

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

Bug Fixes:

- Fixed that IE freezes after applying out of range parameter values occasionally

Version 01.04.00

Release date: April, 2018

Information:

- Couplers with hardware version \geq 01.05.00 can't get downgraded below firmware version 01.04.00

Version 01.03.00

Release date: December 2017

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 HTTPS support and new coupler parameter 'HTTPS settings'
- Attention: To use this function please update the coupler with the additional firmware file:
- FB-PL-FSBL-0007760-01_02_00-1.bsc

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 01.01.01

Release date: May 17, 2017

New features:

- Additional module status diagnostic

Bug Fixes:

- Improved behaviour of BF LED

Automation Studio V4.2.6.110 new features/ bug fixing:

- Timestamp module with process data over 32Byte are supported
- Import of the modular XDD in one step

Web Server:

- Improved naming of parameter "Restore module parameters" and its option
- 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
- 2007420000 - UR20-3EM-230V-AC
- All time stamp modules

Version 01.00.00

Release date: October 04, 2016

- First released version

Not supported modules or modules with limited functions:

- Time stamp modules only with limited process data
- Safety modules