

## Firmware change-log of new features and bug fixes of the u-remote field bus coupler: 2659690000 UR20-FBC-EC-ECO

### 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](http://www.weidmueller.com).

<b>Version: 02.07.00</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: March, 2026</b>
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### Information

- Requires u-mation configurator >= 2.0.0

### New Features

- WebApp: Functional extensions according to IEC 62443 and UR-E27
  - Account and User management setup is now mandatory for initial setup
  - Authorization enforcement requires a login per default
  - HTTPS communication protocol is now default
  - Roll based access control (RBAC)
  - Session timeout handling (default 15 min)
  - Audit logging capability with data export feature
  - New welcome screen with customizable system use notification
- WebApp: Simultaneous use of u-mation configurator possible

### Bug Fixes

- WebApp: Fixed missing message for coupler restart after firmware multi-update
- Fixed coupler does not restart in rare cases
- Fixed coupler parameter "I/O data of station synchronous" can only be set in the "PREOP" state

### Known Issues

- After a downgrade to previous firmware versions, a power cycle for at least 30 seconds is required to make future firmware updates possible.

<b>Version: 02.05.00</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: July, 2025</b>
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### New Supported Modules

- 2819690000 - UR20-4COM-IO-LINK-V2
- 3096630000 - SAI-AU-M8-SB-8DO-2A-V2
- 3096500000 - SAI-AU-M8-SB-8DI-V2
- 3096510000 - SAI-AU-M8-SB-8DIO-V2
- 3096490000 - SAI-AU-M12-SB-8DO-2A-V2
- 3096470000 - SAI-AU-M12-SB-8DI-V2
- 3096480000 - SAI-AU-M12-SB-8DIO-V2

<b>Version: 02.04.00</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: February, 2025</b>
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### New Features

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

<b>Version: 02.03.00</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: October, 2024</b>
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## 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

## Bug Fixes

- Emergency protocol is fully implemented for diagnosis and process alarm
- Parameter "I/O data of station synchronous" is writable only in PREOP
- Substitute values are correctly assignable via WebApp
- Updated coupler diagnosis history: Added "Communication Fault" diagnosis
- 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

<b>Version: 02.02.00</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: November, 2023</b>
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- Minor changes for production

<b>Version: 02.01.00</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: August, 2022</b>
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## New Supported Modules

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

<b>Version: 02.00.01</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: December, 2021</b>
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## New Supported Modules

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

## New Features

- FoE supports download of multiple files in a zip archive
- 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 in web application

## Bug Fixes

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

## Caution

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

<b>Version: 01.00.01</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: July, 2020</b>
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- Minor changes for production

<b>Version: 01.00.00</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: March, 2020</b>
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- First released version