

Firmware change-log of new features and bug fixes of the u-remote field bus coupler: 2799510000 UR20-FBC-EIP-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.

Version: 01.07.00	Hardware Version: 01.xx.xx	Release Date: March, 2026
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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

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.

Version: 01.05.00	Hardware Version: 01.xx.xx	Release Date: July, 2025
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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

New Features

- Added "Continue data exchange" as an option for the parameter "Output behaviour on idle state"

Version: 01.04.00	Hardware Version: 01.xx.xx	Release Date: February, 2025
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New Features

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

Version: 01.03.00	Hardware Version: 01.xx.xx	Release Date: October, 2024
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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

- Fixed implausible readings of module parameter via class 0x67
- WebApp: Fixed swapping of process data according to data format setting in hardware config file (L5X)
- Fixed BF LED behaviour in modular mode when using only an explicit connection
- Coupler doesn't reboot when the service "Set Attribute All" for class 0x67 "Module parameter" is used
- 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: 01.02.00	Hardware Version: 01.xx.xx	Release Date: February, 2024
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Bug Fixes

- Gateway class (100), attribute "Module parameter" (115) gets initialized correctly

Version: 01.01.01	Hardware Version: 01.xx.xx	Release Date: August, 2022
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New Supported Modules

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

Bug Fixes

- Editing parameter "IP configuration" and editing the IP address at the same time sometimes no longer resets the IP address

Version: 01.00.00	Hardware Version: 01.xx.xx	Release Date: December, 2021
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- First released version

Caution

- This firmware requires "u-mation Device Configurator" version $\geq 1.3.1$