

## Firmware change-log of new features and bug fixes of the u-remote field bus coupler: 2659680000 UR20-FBC-PN-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: 01.09.00</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

- Fixed response for IOL\_CALL FI index 65016...65019 and index 65100
- WebApp: Fixed missing message for coupler restart after firmware multi-update

#### Known Issues

- Subnet Mask and Gateway IP not changable via WebApp
- 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: 01.07.00</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: 01.06.00</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

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<b>Version: 01.05.01</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: December, 2024</b>
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**Bug Fixes**

- Fixed IO-Link device parameterization via module parameters for certain PLCs

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<b>Version: 01.05.00</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**

- Fixed issue with SNMP when connected to an IPv6 enabled device
- Input process data set to "0" for applications with power feed modules in case the module is powered off
- WebApp: Fixed channel name for last entry after CSV import
- WebApp: Remove limitation of station name string length
- WebApp: Fixed display of substitute values for UR20-2PWM-I-2.5A-2DI-P

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<b>Version: 01.04.00</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: July, 2024</b>
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**New Features**

- SNMP can now be disabled via SNMPAdjust
- SNMP community names are changeable via SNMPAdjust
- IO-Link devices can be parameterised via module parameters

**Bug Fixes**

- Network behavior with Multicast packets is improved. Erroneous ARP or ICMP packets won't no longer be sent.
- Fixed Advanced AR Startup when Pull Module Alarm is allowed.

**New Supported Modules**

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

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<b>Version: 01.03.00</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: November, 2023</b>
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**Bug Fixes**

- Multiple minor software improvements for internal procedures

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<b>Version: 01.02.01</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: February, 2022</b>
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**Bug Fixes**

- Fixed the problem of unintended restarts of the coupler caused by certain LLDP Ethernet packets.

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<b>Version: 01.02.00</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: 01.01.02</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: May, 2021</b>
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## Bug Fixes

- Fixed that acyclic reading of module parameters via index 125 returns wrong values

<b>Version: 01.01.01</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: December, 2021</b>
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## Bug Fixes

- Fixed that reading a complete IO-Link object via subindex 0 of very slow devices could cause an error

## Known Issues

- Acyclic reading of module parameters via index 125 returns wrong values

<b>Version: 01.01.00</b>	<b>Hardware Version: 01.xx.xx</b>	<b>Release Date: October, 2021</b>
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## New Supported Modules

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

## New Features

- After starting web server's Force Mode, force state of DOs can directly be set to 'off'
- (previously only 'on' was available)
- Additional parameter in GSDML to enable or disable webserver via Ethernet
- New file manager for import and export of multiple files

## Bug Fixes

- In case of a difference between projected hardware configuration and the real IO-station Bit 6 (I/O configuration error) in coupler status word becomes true now
- Fixed that analogue output values could become 0 when maximum value is forced via webserver
- Fixed that on Mitsubishi PLCs an undefined error occurred when using s and UR20-1COM-SAI-PRO modules

## Caution

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

<b>Version: 01.00.02</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