

## Firmware change-log of the u-control device: 1334950000 UC20-WL2000-AC

### Firmware updating information:

An update of the firmware can be done via the graphical web frontend. A description of the firmware update can be found in the u-control manual on the Weidmüller website: [www.weidmueller.com](http://www.weidmueller.com)

**Version 01.01.00**                      **Hardware Version 01.xx.xx**                      **Release date: February, 2019**

#### **New supported modules:**

- UR20-3EM-230V-AC

#### **New features:**

- Visualisation - editor to configure visualisations for human machine interfaces
- Custom POUs - export and import operation of custom POUs
- Added Function Block 'PID controller' to the Catalogue
- Configuration of up to three different DNS server addresses

#### **Information:**

- Activation of SD card slot and the second Ethernet port (X2) is not available yet and will be added in a future firmware update

#### **Bug fixes:**

- Global variables: Leading underscores are now allowed
- Import of large project files no longer causes 'Disconnected' message
- Fixed that in rare cases a restart of the device causes connection error messages
- Improved compatibility to USB cables of different standards
- No more limitation to IP address changes

#### **Known issues:**

- Firefox: 'Private Mode' is currently not supported
- Variables: Negative e-notation for REAL is not supported
- Variable input widget: keypad does not allow input of value 0 right behind a decimal dot. Use keyboard input in that case
- Time Settings: month is displayed wrongly (current month – 1)
- Live View: Message "Loading..." is displayed in case a project without variables is deployed. It can be ignored
- Autoscan: No proper error message for unsupported I/O modules
- To avoid problems at boot it is advisable to make sure the USB cable is disconnected when powering up the u-control device.

**Version 01.00.00**                      **Hardware Version 01.xx.xx**                      **Release date: October, 2018**

#### **New supported modules:**

- UR20-4DI-P
- UR20-4DI-P-3W
- UR20-8DI-P-2W
- UR20-8DI-P-3W
- UR20-8DI-P-3W-HD
- UR20-8DI-ISO-2W
- UR20-16DI-P
- UR20-16DI-P-PLC-INT
- UR20-4DI-2W-230V-AC
- UR20-4DO-P
- UR20-4DO-P-2A
- UR20-4DO-PN-2A
- UR20-4DO-ISO-4A
- UR20-8DO-P
- UR20-8DO-P-2W-HD
- UR20-16DO-P
- UR20-16DO-P-PLC-INT
- UR20-4RO-SSR-255
- UR20-4RO-CO-255
- UR20-4AI-UI-16
- UR20-4AI-UI-12
- UR20-8AI-I-16-HD
- UR20-8AI-I-PLC-INT

- UR20-4AI-RTD-DIAG
- UR20-4AI-TC-DIAG
- UR20-4AI-R-HS-16-DIAG
- UR20-4AO-UI-16
- UR20-PF-O-1DI-SIL
- UR20-PF-O-2DI-SIL
- UR20-PF-O-2DI-DELAY-SIL
- UR20-PF-I
- UR20-PF-O
- UR20-16AUX-I
- UR20-16AUX-O
- UR20-16AUX-FE
- UR20-16AUX-GND-I
- UR20-16AUX-GND-O
- UR20-ES

**Information:**

- Turn on the power supply for the u-control device before you connect the USB cable to avoid problems when starting the u-control device.
- SD Card and Ethernet port labeled X2 will be supported with a future firmware version.

**Known issue:**

- Firefox 'Private Mode' is currently not supported.
- Using reserved keywords e.g. 'nan' or 'infinity' as names in the WebUI leads currently to a generic deploy error.
- During an import operation of a large project a 'disconnected screen' might appear and a browser refresh will clear it.
- In rare cases a restart of the system might bring up a connection error with different error messages. An additional browser refresh will solve it.
- Negative e-notation for REAL not supported.
- Some USB cables might have problems to work properly. Please try a different one.
- Ethernet IP address can only be changed when Ethernet cable is plugged in and has a lively connection.