

Software change-log of the u-mation Device Configurator

Software updating information:

Software update procedure is currently not supported. Please install the new *u-mation configurator* package version 1.6.0 according to the instructions in the manual or use the portable version.

Version 1.6.0

Release date: September 2025

Information:

- Since the upload of the device configuration will no longer be supported, the export of the configuration as JSON files will not be available any longer
- Compatibility hint: Operation with UR20-4COM-IO-LINK-V2 requires at least module firmware version 01.00.01 and for UR20-4COM-IO-LINK version 01.05.04. Ensure that the coupler firmware and device specific data files are also up to date according to the "Supported Module List".

New features:

- Support for "UR20-4COM-IO-LINK-V2" module
- Support for updated version of IO-Link standard 1.1.4 (2024)
- Support for IODD feature "additionalDeviceIds"
- Recognition of new alarm codes regarding to new IO-Link stack and IO-Link protocol version
- The Help App is now available in German and English

Bug fixes:

- Fixed an issue where the offline mode was blocked after disconnecting from the coupler in Online-Mode

Known issues:

- Translation tool tip is missing at long event translations in the diagnosis overview
- Devices which do not support the ISDU access are currently not supported
- IODD files can lead to overflows using data types of Float64T

Version 1.5.0

Release date: November 2023

New features:

- Added support for the UR20-1COM-CAN-OPEN
- New CANopen configuration plugin to operate the UR20-1COM-CAN-OPEN in manager mode

Information:

- Executable files are now signed with a proper certificate

Known issues:

- Help app currently only available in English.
- IODD files can lead to overflows using data types of Float64T.

Version 1.4.0

Release date: August 2022

New features:

- New additional file format for exporting IO-Link device configurations – "Binary configuration file" (BSC)
- Saving of recent connections
- Editing IO-Link device parameters – restore default values
- Editing IO-Link device parameters – only valid parameters can be selected

Information:

- Compatibility hint: Operation requires UR20-4COM-IO-LINK module firmware version 01.04.00 or higher. Ensure that the coupler firmware and device specific data files are also up to date.

Known issues:

- IODD files can lead to overflows using data types of Float64T.

Version 1.3.1

Release date: November, 2021

Information:

- Compatibility hint: Operation requires UR20-4COM-IO-LINK module firmware version 01.04.00 or above.
Ensure that the coupler firmware and device specific data files are also up to date.

Bug fixes:

- Compatibility to latest fieldbus coupler firmware

Known issues:

- IODD files can lead to overflows using datatypes of Float32T.
- In rare cases the write-only parameters still show the read button.

Version 1.3.0

Release date: April, 2021

New features:

- Improved visualisation of process data length
- IO-Link operating mode displayed in the channel detailed overview
- Diagnosis and process data on own page
- Translation of event codes based on IODD information
- New diagnosis marked by orange line on left side
- Support of CSV export of diagnosis data
- Possibility to cancel the read/write of device parameters
- Direct access to IO-Link Index raw data to read and write on index without IODD data

Information:

- Compatibility hint: Operation requires UR20-4COM-IO-LINK module firmware version 01.03.00 or above.
Ensure that the coupler firmware and device specific data files are also up to date.

Bug fixes:

- Improve compatibility of IODD data files.

Known issues:

- IODD files can lead to overflows using datatypes of Float32T.
- In rare cases the write-only parameters still show the read button.

Version 1.2.0

Release date: July, 2019

New features:

- Online connection to *u-remote* coupler is supported via USB or Ethernet interface
- Available *u-remote* devices are displayed; UR20-4COM-IO-LINK modules are selectable
- IO-Link port configuration and port status are displayed
- Identification of connected IO-Link devices
- Extended life functions when IODD matches with the connected device:
 - Read/write operations of single or grouped parameters
 - Comparison of projected parameters with actual parameters
 - Execution of commands
- View of life process data of the selected IO-Link-Master module
- View of actual process data mapping of the selected IO-Link-Master module
- Event-log (IO-Link-diagnoses) of the selected IO-Link-Master module is displayed

Information:

- **ATTENTION - operation requires UR20-4COM-IO-LINK module firmware version 01.03.00 or above.**
Ensure that the coupler firmware and device specific data files are also up to date.

- The *u-remote IO-Link Device Configurator* can either be installed via the setup-executable or used directly with the portable-executable (file association and more performance only when installed)

Version 1.1.0**Release date: March, 2019****New features:**

- Visualisation – parameter overview represented as tree structure within navigation menu and parameter list
- ZIP file archive import – including manual selection of files that include multiple IODD's
- Multi-language support – includes the import of IODD specific language files
- Length of process data is now displayed per port and total length in the port overview as well
- Imported data files are now validated
- Error reporting has improved user feedback

Information:

- The IO-Link Configurator is running on Windows 32-bit and 64-bit operating system. Please install the appropriate software package that fits to your Windows platform either x86 (32-bit) or x64 (64-bit).

Bug fixes:

- Import errors of multiple IODDS is fixed.