Firmware for ioLogik 2500 Series Release Notes

Version: v4.1	Build: Build 23100411
Release Date: Dec 15, 2023	

Applicable Products

ioLogik 2500 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- A firmware upgrade compatibility issue (see pcn-000996 for details).
- An issue of the system rebooting when the web console is open for an extensive period of time.
- An issue of incorrect SNMPv3 Engine ID.
- An issue of incorrect SNMPv3 Engine Time.

Changes

N/A

Notes

N/A

Version: v4.0	Build: Build 22101210
Release Date: Nov 17, 2022	

Applicable Products

ioLogik 2512, ioLogik 2512-T, ioLogik 2542, ioLogik 2542-T

Supported Operating Systems

N/A

New Features

• Adds the AOPC Tag "Daylight Saving".

Enhancements

N/A

Bugs Fixed

• Cannot open the HTTPS service exclusively.
• An incorrect SNMP Device OID.
• An issue where the Click&Go BOOL IR was not changed after a rule has run, potentially causing IR value conflict.
• AOPC tag pulse output start/stop is not working.
• The message indicating that the default password is not changed should not be shown after the default password is changed.
• The web-console dashboard may affect the system performance.
• An issue with the power-off storage counter value.

Changes

• Updates information and the expiration date in the certification file used for HTTPS connect to the web console.

Notes

N/A

Version: v3.0	Build: Build18110713
Release Date: Jan 15, 2019	

Applicable Products

ioLogik 2512-Ethernet(-T), ioLogik 2542-Ethernet(-T)

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

• Fixed files being dropped during FTP uploads.
• Fixed data supplement failures after an event occurs a few times.
• Fixed using Modbus TCP Slave mode to clear Safe Mode failures.

Changes

N/A

Notes

N/A

Version: v2.3.0	Build: Build18060814
Release Date: Aug 20, 2018	

Applicable Products

ioLogik 2512-Ethernet(-T), ioLogik 2542-Ethernet(-T)

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

• Fixed where using FTP Upload action in Click&Go Plus triggers abnormal device reboot.
• Fixed AI scaling result and web display error.
• Fixed where using TCP Message action in Click&Go Plus triggers abnormal device reboot.

Changes

N/A

Notes

Not compatible with HW Rev: 2.0.0 or later.

Version: v2.2	Build: Build18011519
Release Date: N/A	

Applicable Products

ioLogik 2512, ioLogik 2512-T, ioLogik 2542, ioLogik 2542-T

Supported Operating Systems

N/A

New Features

- Modbus/TCP Master function.
- RESTful API protocol support.
- HTTPS support.
- Counter power off storage function.
- Counter overflow flag.
- Service setting to Enable/Disable all services on one page.
- Access Control function to configure number of login attempts and lockout.
- User account enable/disable operator in User Settings.
- Password expiry time and notification.
- System use notification added on login page.
- BOOL, DWORD internal registers.
- AOPC alive check for port 9500.

Enhancements

- Counter Value can be set by user through Modbus/TCP, AOPC, SNMP, and RESTful API.
- Added DO safe mode Hold Last function.
- Registers for ioLogik E1200 expansion unit connection status.
- Function for ioLogik E1200 expansion unit auto-reconnection.

Bugs Fixed

- NTP only updates the time once when entering the daylight saving time.
- Weekday and time zone mismatch issue.
- Counter initial value reset to 0 after counter scaling is enabled.
- Counter value reset to 0 when device is reconnected with MX-AOPC UA Server.
- AI keyword replacement error for active messages from Click&Go Plus.
- Click&Go DO lock issue when power on delay occurs.
- Unable to show special characters on web dashboard.
- Alias name with special characters issue.
- AI ON CHANGE update not triggered when variance < 1.

Changes

- Updated password requirements.
- Unencrypted system log content.

Notes

- Not compatible with HW Rev. 2.0.0 or later.

Version: v2.1.0	**Build: Build17071116**
Release Date: Aug 29, 2017	

Applicable Products

ioLogik 2512, ioLogik 2512-T, ioLogik 2542, ioLogik 2542-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Improved device time accuracy.

Bugs Fixed

N/A

Changes

N/A

Notes

• Not compatible with HW Rev. 2.0.0 or later.

Version: v2.0	Build: Build16072012
Release Date: N/A	

Applicable Products

ioLogik 2512, ioLogik 2512-T, ioLogik 2542, ioLogik 2542-T

Supported Operating Systems

N/A

New Features

• Supports MXIO V3.0.
• Supports MX-AOPC UA Logger data supplement function.
• User settings for three roles: Administrator, Operator, and User.
• Access Control for allowing IP address to access through the Modbus protocol.
• Three TC modes (78.126 mV, 39.062 mA, and 19.532 mV) for ioLogik E1262 as I/O expansion.
• Added "Power on Delay" settings for relay channels of ioLogik E1214 as I/O expansion.
• Modbus address for raw value of AI, AO, TC, and RTD.
• Modbus address for relay current count value, relay total count value, and reset relay current count value for ioLogik E1214 as I/O expansion.
• Click&Go Plus IF condition for "relay current count value" and "total count value".
• Click&Go Plus Action for "Reset relay current count value".
• Modbus host connection timeout settings.
• Click&Go Plus IF condition for "Modbus host connection status".
• Click&Go Plus IF condition for RTD and TC value comparison.
• Enable/disable option for FTP server service.
• Timestamp options (device local time or UTC and time zone) for data logging function.
• Peer-to-Peer disconnection mode settings for DO and AO channels.
• Communication timeout settings for FTP Client, Email, CGI Command Client, TCP Message, and Remote Action Client.
• Checksum algorithm to improve correctness of configuration file transfer between IOxpress and devices.
• Function to search device by IP address.
• Online web and configuration compatibility check, and guide user to import configuration through IOxpress.
• Web server, FTP server, and Modbus TCP server connections in Network Connection status of Web Console.
• Access rights to Web Console by user type.

Enhancements

N/A

Bugs Fixed

• Incorrect DO status not updated on the Web interface, Modbus, AOPC, and Data Logging functions.
• FTP Client return code (450) handling issue for the FTP server.
• Serial Mode setting mismatch (485-2W/422).

Changes

N/A

Notes

• Not compatible with HW Rev. 2.0.0 or later.

Version: v1.2.0	Build: Build15082818
Release Date: Oct 29, 2015	

Applicable Products

ioLogik 2512, ioLogik 2512-T, ioLogik 2542, ioLogik 2542-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

• Fixed a malfunction that occurs while importing configurations with an empty rule to the device via the web.

Changes

N/A

Notes

• Not compatible with HW Rev. 2.0.0 or later.