



## Firmware for ioLogik 2500 Series (Ethernet) Release Notes

<b>Version: v4.2</b>	<b>Build: Build 25062623</b>
<b>Release Date: Jul 17, 2025</b>	

### **Applicable Products**

ioLogik 2500 Series

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

N/A

### **Bugs Fixed**

- System may crash after importing configuration files.

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v4.1</b>	<b>Build: Build 23100411</b>
<b>Release Date: Dec 15, 2023</b>	

### **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



<b>Version: v4.0</b>	<b>Build: Build 22101210</b>
<b>Release Date: Nov 17, 2022</b>	

### **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



<b>Version: v3.0</b>	<b>Build: Build18110713</b>
<b>Release Date: Jan 15, 2019</b>	

**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



<b>Version: v2.3.0</b>	<b>Build: Build18060814</b>
<b>Release Date: Aug 20, 2018</b>	

**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.



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

### 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.



<b>Version: v2.1.0</b>	<b>Build: Build17071116</b>
<b>Release Date: Aug 29, 2017</b>	

### **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.

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

## 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.





<b>Version: v1.2.0</b>	<b>Build: Build15082818</b>
<b>Release Date: Oct 29, 2015</b>	

**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.