



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

<b>Version:</b> v3.0.0	<b>Build:</b> Build18110713
<b>Release Date:</b> Jan 15, 2019	

### Applicable Products

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

### Supported Operating Systems

N/A

### New Features

- Modbus/TCP Master function added.
- RESTful API protocol added.
- HTTPs added.
- Counter power off storage function added.
- Counter overflow flag added.
- Service Setting to Enable/Disable all services on one page added.
- Access Control function for login attempt and lockout added.
- User Settings operator, user account enable/disable added.
- Password expire time and notification added.
- 10 System use notification added on login page.
- BOOL, DWORD internal registers added.
- AOPC alive check for port 9500 added.

### Enhancements

- Counter Value can be set by user through Modbus/TCP, AOPC, SNMP, RESTful API.
- DO safe mode Hold Last function added.
- ioLogik E1200 expansion unit connection status registers added.
- ioLogik E1200 expansion unit auto-reconnection function added.
- Unencrypted system log content added.

### Bugs Fixed

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

### Changes

- Updated password requirement.

### 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-HSPA, ioLogik 2512-HSPA-T, ioLogik 2542-HSPA, ioLogik 2542-HSPA-T

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

- Improve 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-HSPA, ioLogik 2512-HSPA-T, ioLogik 2542-HSPA, ioLogik 2542-HSPA-T

### Supported Operating Systems

N/A

### New Features

- Support MXIO V3.0.
- Support MX-AOPC UA Logger data supplement function.
- Added User Settings for three roles, Administrator, Operator, and User.
- Added Access Control for allowing IP address to access with Modbus protocol.
- Added three TC modes (78.126 mV, 39.062 mA, and 19.532 mV) of ioLogik E1262 as I/O expansion.
- Added “Power on Delay” settings for relay channels of ioLogik E1214 as I/O expansion.
- Added Modbus address for raw value of AI, AO, TC, and RTD.
- Added Modbus address for relay current count value, relay total count value, and reset relay current count value of ioLogik E1214 as I/O expansion.
- Added IF condition of Click&Go Plus for “relay current count value” and “total count value”.
- Added Action of Click&Go Plus for “Reset relay current count value”.
- Added Modbus host connection timeout settings.
- Added IF condition of Click&Go Plus for “Modbus host connection status” .
- Added IF condition of Click&Go Plus for RTD and TC value comparison.
- Added enable/disable FTP server service option .
- Added timestamp options (device local time or UTC and time zone) for data logging function.
- Added Peer-to-Peer disconnection mode settings for DO and AO channels.
- Added communication timeout settings for FTP Client, Email, CGI Command Client, TCP Message, and Remote Action Client.
- Added checksum algorithm to improve correctness of configuration file transfer between IOxpress and Device.
- Added search device by IP address.
- Added IF condition of Click&Go Plus for “Cellular link up”.
- Added RSSI tag.
- Added “Cellular IP” in keyword lookup options of SNMP trap, TCP/UDP message, email, and SMS.
- Added online web and configuration compatibility check, and guide user to import configuration through IOxpress.
- Added WEB server, FTP server, and Modbus TCP server connections in Network Connection status of Web Console.
- Added access rights of Web Console by different user type.

### Enhancements

N/A

### Bugs Fixed

- Fixed DO incorrect ON CHANGE status issue, which happened on Online Web interface, Modbus, AOPC, and Data Logging functions.
- Fixed FTP Client return code (450) handling issue for FTP server.
- Fixed 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-HSPA, ioLogik 2512-HSPA-T, ioLogik 2542-HSPA, ioLogik 2542-HSPA-T

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

N/A

### **Bugs Fixed**

- Fix a malfunction occurs while importing configuration with empty rule to device via Web.

### **Changes**

N/A

### **Notes**

- Not compatible with HW Rev: 2.0.0 or later.