Firmware for ioLogik 2500 Series (HSPA) Release Notes

Version: v2.3	Build: Build18060814
Release Date: Aug 20, 2018	

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.

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

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.

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

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.

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

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.

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

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.