Firmware for ioLogik 2500 Series (Wi-Fi) Release Notes

<table>
<thead>
<tr>
<th>Version: v2.3</th>
<th>Build: Build18060814</th>
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<tr>
<td>Release Date: Aug 20, 2018</td>
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</tbody>
</table>

**Applicable Products**
ioLogik 2542-WL1(-T), ioLogik 2512-WL1(-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.
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.
Applicable Products

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
Applicable Products

Supported Operating Systems
N/A

New Features
• Supports MXIO V3.0.
• Supports 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, 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 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.
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**Supported Operating Systems**

N/A

**New Features**

- First release.

**Enhancements**

N/A

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

- Not compatible with HW Rev. 2.0.0 or later.