

Software Name: Firmware for ioLogik 2500 Series (Ethernet)

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v3.0.0	Build18110713	N/A	ioLogik 2512-Ethernet(-T), ioLogik 2542-Ethernet(-T)	<b>New Features:</b> N/A  <b>Enhancements:</b> N/A	<b>Bugs Fixed:</b> 1. Fixed files being dropped during FTP uploads. 2. Fixed data supplement failures after an event occurs a few times. 3. Fixed using Modbus TCP Slave mode to clear Safe Mode failures. <b>Changes:</b> N/A	N/A
v2.3.0	Build18060814	N/A	ioLogik 2542-Ethernet(-T), ioLogik 2512-Ethernet(-T)	<b>New Features:</b> N/A  <b>Enhancements:</b> N/A	<b>Bugs Fixed:</b> 1. Fixed where using FTP Upload action in Click&Go Plus triggers abnormal device reboot. 2. Fixed AI scaling result and web display error. 3. Fixed where using TCP Message action in Click&Go Plus triggers abnormal device reboot. <b>Changes:</b> N/A	Not compatible with HW Rev: 2.0.0 or later.

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v2.2	Build18011519	N/A	ioLogik 2512, ioLogik 2512-T, ioLogik 2542, ioLogik 2542-T	<p><b>New Features:</b></p> <ol style="list-style-type: none"> <li>1. Modbus/TCP Master function.</li> <li>2. RESTful API protocol support.</li> <li>3. HTTPS support.</li> <li>4. Counter power off storage function.</li> <li>5. Counter overflow flag.</li> <li>6. Service setting to Enable/Disable all services on one page.</li> <li>7. Access Control function to configure number of login attempts and lockout.</li> <li>8. User account enable/disable operator in User Settings.</li> <li>9. Password expiry time and notification.</li> <li>10. System use notification added on login page.</li> <li>11. BOOL, DWORD internal registers.</li> <li>12. AOPC alive check for port 9500.</li> </ol> <p><b>Enhancements:</b></p> <ol style="list-style-type: none"> <li>1. Counter Value can be set by user through Modbus/TCP, AOPC, SNMP, and RESTful API.</li> <li>2. Added DO safe mode Hold Last function.</li> <li>3. Registers for ioLogik E1200 expansion unit connection status.</li> <li>4. Function for ioLogik E1200 expansion unit auto-reconnection.</li> </ol>	<p><b>Bugs Fixed:</b></p> <ol style="list-style-type: none"> <li>1. NTP only updates the time once when entering the daylight saving time.</li> <li>2. Weekday and time zone mismatch issue.</li> <li>3. Counter initial value reset to 0 after counter scaling is enabled.</li> <li>4. Counter value reset to 0 when device is reconnected with MX-AOPC UA Server.</li> <li>5. AI keyword replacement error for active messages from Click&amp;Go Plus.</li> <li>6. Click&amp;Go DO lock issue when power on delay occurs.</li> <li>7. Unable to show special characters on web dashboard.</li> <li>8. Alias name with special characters issue.</li> <li>9. AI ON CHANGE update not triggered when variance &lt; 1.</li> </ol> <p><b>Changes:</b></p> <ol style="list-style-type: none"> <li>1. Updated password requirements.</li> <li>2. Unencrypted system log content.</li> </ol>	<ol style="list-style-type: none"> <li>1. Not compatible with HW Rev. 2.0.0 or later.</li> </ol>
v2.1.0	Build17071116	N/A	ioLogik 2512-T, ioLogik 2512, ioLogik 2542, ioLogik 2542-T	<p><b>New Features:</b></p> <p>N/A</p> <p><b>Enhancements:</b></p> <ol style="list-style-type: none"> <li>1. Improved device time accuracy.</li> </ol>	<p><b>Bugs Fixed:</b></p> <p>N/A</p> <p><b>Changes:</b></p> <p>N/A</p>	<ol style="list-style-type: none"> <li>1. Not compatible with HW Rev. 2.0.0 or later.</li> </ol>

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v2.0	Build16072012	N/A	ioLogik 2512, ioLogik 2512-T, ioLogik 2542, ioLogik 2542-T	<p><b>New Features:</b></p> <ol style="list-style-type: none"> <li>1. Supports MXIO V3.0.</li> <li>2. Supports MX-AOPC UA Logger data supplement function.</li> <li>3. User settings for three roles: Administrator, Operator, and User.</li> <li>4. Access Control for allowing IP address to access through the Modbus protocol.</li> <li>5. Three TC modes (78.126 mV, 39.062 mA, and 19.532 mV) for ioLogik E1262 as I/O expansion.</li> <li>6. Added "Power on Delay" settings for relay channels of ioLogik E1214 as I/O expansion.</li> <li>7. Modbus address for raw value of AI, AO, TC, and RTD.</li> <li>8. Modbus address for relay current count value, relay total count value, and reset relay current count value for ioLogik E1214 as I/O expansion.</li> <li>9. Click&amp;Go Plus IF condition for "relay current count value" and "total count value".</li> <li>10. Click&amp;Go Plus Action for "Reset relay current count value".</li> <li>11. Modbus host connection timeout settings.</li> <li>12. Click&amp;Go Plus IF condition for "Modbus host connection status".</li> <li>13. Click&amp;Go Plus IF condition for RTD and TC value comparison.</li> <li>14. Enable/disable option for FTP server service.</li> <li>15. Timestamp options (device local time or UTC and time zone) for data logging function.</li> <li>16. Peer-to-Peer disconnection mode settings for DO and AO channels.</li> </ol>	<p><b>Bugs Fixed:</b></p> <ol style="list-style-type: none"> <li>1. Incorrect DO status not updated on the Web interface, Modbus, AOPC, and Data Logging functions.</li> <li>2. FTP Client return code (450) handling issue for the FTP server.</li> <li>3. Serial Mode setting mismatch (485-2W/422).</li> </ol> <p><b>Changes:</b></p> <p>N/A</p>	<ol style="list-style-type: none"> <li>1. Not compatible with HW Rev. 2.0.0 or later.</li> </ol>

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				17. Communication timeout settings for FTP Client, Email, CGI Command Client, TCP Message, and Remote Action Client. 18. Checksum algorithm to improve correctness of configuration file transfer between IOxpress and devices. 19. Function to search device by IP address. 20. Online web and configuration compatibility check, and guide user to import configuration through IOxpress. 21. Web server, FTP server, and Modbus TCP server connections in Network Connection status of Web Console. 22. Access rights to Web Console by user type. <b>Enhancements:</b> N/A		
v1.2.0	Build15082818	N/A	ioLogik 2512, ioLogik 2512-T, ioLogik 2542, ioLogik 2542-T	<b>New Features:</b> N/A  <b>Enhancements:</b> N/A	<b>Bugs Fixed:</b> 1. Fixed a malfunction that occurs while importing configurations with an empty rule to the device via the web.  <b>Changes:</b> N/A	1. Not compatible with HW Rev. 2.0.0 or later.