

Software Name: Firmware for ioLogik 2500 Series (GPRS)

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v2.3.0	Build18060814	N/A	ioLogik 2542-GPRS(-T), ioLogik 2512-GPRS(-T)	<p>New Features: N/A</p> <p>Enhancements: N/A</p>	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> 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. <p>Changes: N/A</p>	N/A

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

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v2.0	Build16072012	N/A	ioLogik 2512-GPRS, ioLogik 2512-GPRS-T, ioLogik 2542-GPRS, ioLogik 2542-GPRS-T	<p>New Features:</p> <ol style="list-style-type: none"> 1. Supports MXIO V3.0. 2. Supports MX-AOPC UA Logger data supplement function. 3. User Settings for three roles: Administrator, Operator, and User. 4. Access Control for allowing IP addresses to access through the Modbus protocol. 5. Three TC modes (78.126 mV, 39.062 mA, 19.532 mV) for ioLogik E1262 as I/O expansion. 6. Added "Power on Delay" settings for relay channels of ioLogik E1214 as I/O expansion. 7. Modbus address for raw value of AI, AO, TC, and RTD. 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. 9. Click&Go Plus IF condition for "relay current count value" and "total count value". 10. Click&Go Plus Action for "Reset relay current count value". 11. Modbus host connection timeout settings. 12. Click&Go Plus IF condition for "Modbus host connection status". 13. Click&Go Plus IF condition for RTD and TC value comparison. 14. Enable/disable option for FTP server service. 15. Timestamp options (device local time or UTC and time zone) for data logging function. 16. Peer-to-Peer disconnection mode settings for DO and AO channels. 	<p>Bugs Fixed:</p> <ol style="list-style-type: none"> 1. Fixed DO incorrect ON CHANGE status issue, which happened on Online Web interface, Modbus, AOPC, and Data Logging functions. 2. Fixed FTP Client return code (450) handling issue for FTP server. 3. Fixed Serial Mode setting mismatch (485-2W/422). <p>Changes:</p> <p>N/A</p>	N/A

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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 Device. 19. Search device by IP address function. 20. Click&Go Plus IF condition for "Cellular link up". 21. RSSI tag. 22. Added "Cellular IP" in keyword lookup options of SNMP trap, TCP/UDP message, email, and SMS. 23. Online web and configuration compatibility check, and guide user to import configuration through IOxpress. 24. Web server, FTP server, and Modbus TCP server connections in Network Connection status of Web Console. 25. Web console access rights by user type. Enhancements: N/A		
v1.2.0	Build15082818	N/A	ioLogik 2512-GPRS, ioLogik 2512-GPRS-T, ioLogik 2542-GPRS, ioLogik 2542-GPRS-T	New Features: N/A Enhancements: N/A	Bugs Fixed: 1. Fixed a malfunction that occurs while importing configurations with empty rules to the device via the web. Changes: N/A	N/A