Software Name: Firmware for ioLogik 2500 Series (HSPA)

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-HSPA(-T), ioLogik 2512-HSPA(-T)	**New Features:** N/A **Enhancements:** N/A	**Bugs Fixed:** 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. **Changes:** N/A	Not compatible with HW Rev: 2.0.0 or later.

Software Name: Firmware for ioLogik 2500 Series (HSPA)

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v2.2	Build18011519	N/A	ioLogik 2512-HSPA, ioLogik 2512-HSPA-T, ioLogik 2542-HSPA, ioLogik 2542-HSPA-T	**New Features:** 1. Modbus/TCP Master function added. 2. RESTful API protocol added. 3. HTTPs added. 4. Counter power off storage function added. 5. Counter overflow flag added. 6. Service Setting to Enable/Disable all services on one page added. 7. Access Control function for login attempt and lockout added. 8. User Settings operator, user account enable/disable added. 9. Password expire time and notification added. 10 System use notification added on login page. 11. BOOL, DWORD internal registers added. 12. AOPC alive check for port 9500 added. **Enhancements:** 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.	**Bugs Fixed:** 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. **Changes:** 1. Updated password requirement.	1. Not compatible with HW Rev: 2.0.0 or later.

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Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v2.1.0	Build17071116	N/A	ioLogik 2512-HSPA, ioLogik 2512-HSPA-T, ioLogik 2542-HSPA, ioLogik 2542-HSPA-T	**New Features:** N/A **Enhancements:** 1. Improve device time accuracy.	**Bugs Fixed:** N/A **Changes:** N/A	1. Not compatible with HW Rev: 2.0.0 or later.

Software Name: Firmware for ioLogik 2500 Series (HSPA)

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v2.0	Build16072012	N/A	ioLogik 2512-HSPA, ioLogik 2512-HSPA-T, ioLogik 2542-HSPA, ioLogik 2542-HSPA-T	**New Features:** 1. Support MXIO V3.0. 2. Support MX-AOPC UA Logger data supplement function. 3. Added User Settings for three roles, Administrator, Operator, and User. 4. Added Access Control for allowing IP address to access with Modbus protocol. 5. Added three TC modes (78.126 mV, 39.062 mA, and 19.532 mV) of ioLogik E1262 as I/O expansion. 6. Added "Power on Delay" settings for relay channels of ioLogik E1214 as I/O expansion. 7. Added Modbus address for raw value of AI, AO, TC, and RTD. 8. 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. 9. Added IF condition of Click&Go Plus for "relay current count value" and "total count value". 10. Added Action of Click&Go Plus for "Reset relay current count value". 11. Added Modbus host connection timeout settings. 12. Added IF condition of Click&Go Plus for "Modbus host connection status" . 13. Added IF condition of Click&Go Plus for RTD and TC value comparison. 14. Added enable/disable FTP server service option . 15. Added timestamp options (device	**Bugs Fixed:** 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). **Changes:** N/A	1. Not compatible with HW Rev: 2.0.0 or later.

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Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
				local time or UTC and time zone) for data logging function. 16. Added Peer-to-Peer disconnection mode settings for DO and AO channels. 17. Added communication timeout settings for FTP Client, Email, CGI Command Client, TCP Message, and Remote Action Client. 18. Added checksum algorithm to improve correctness of configuration file transfer between IOxpress and Device. 19. Added search device by IP address. 20. Added IF condition of Click&Go Plus for "Cellular link up". 21. Added RSSI tag. 22. Added "Cellular IP" in keyword lookup options of SNMP trap, TCP/UDP message, email, and SMS. 23. Added online web and configuration compatibility check, and guide user to import configuration through IOxpress. 24. Added WEB server, FTP server, and Modbus TCP server connections in Network Connection status of Web Console. 25. Added access rights of Web Console by different user type. **Enhancements:** N/A		

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Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v1.2.0	Build15082818	N/A	ioLogik 2512-HSPA, ioLogik 2512-HSPA-T, ioLogik 2542-HSPA, ioLogik 2542-HSPA-T	**New Features:** N/A **Enhancements:** N/A	**Bugs Fixed:** 1. Fix a malfunction occurs while importing configuration with empty rule to device via Web. **Changes:** N/A	1. Not compatible with HW Rev: 2.0.0 or later.