



Firmware for ioLogik E1200 Series (E1242) Release Notes

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| Version: v3.1 | Build: Build19110615 |
| Release Date: Nov 26, 2019 | |

Applicable Products

ioLogik E1242, ioLogik E1242-T

Supported Operating Systems

N/A

New Features

- EtherNet/IP registration on Moxa's licensing website is no longer required.
- Added case insensitive content-length for RESTful API.

Enhancements

N/A

Bugs Fixed

- Fixed inaccurate counter value when using Modbus to start a pulse (E1210/E1212/E1213).
- Fixed opposite on/off pulse width display on web console (E1211/E1212/E1214).
- Fixed that the offset scaling value will reset after changing the Alias name (E1260).
- Fixed self-rebooting when entering URL in the browser for the configuration file.
- Fixed EDS file import connection error.
- Fixed failure when using save counter on power failure and reset counter at the same time (E1210/E1212/E1213).
- Fixed inaccurate counter value when using high frequency (E1210/E1212/E1213).
- Fixed that the trap community name is not included in the export file.
- Fixed that EtherNet/IP cannot use the "Set Attribute Single" service.
- Added an enable RESTful API setting in the configuration file.

Changes

N/A

Notes

N/A



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| Version: v3.0 | Build: Build17111512 |
| Release Date: Jan 16, 2018 | |

Applicable Products

ioLogik E1242-T, ioLogik E1242

Supported Operating Systems

N/A

New Features

- Added OPTIONS method for RESTful API.
- Added quick access URI for RESTful API.

Enhancements

- Added SNMP Trap Community Setting on web console.
- Mentioned max. 16 characters on password setting page.

Bugs Fixed

- Fixed DHCP lease time did not ask for extension when half of the lease time elapsed.
- Closed IP forwarding function (Port 0).
- Closed UDP Port 161 when SNMP agent is disabled.
- Fixed invalid token issue on login page when using Firefox.
- Fixed RESTful API header case-sensitive issue.
- Fixed pulse width cannot be set by MXIO Library.

Changes

N/A

Notes

- This version of firmware works with the ioSearch V2.0 or later only.
- Update only the next or the previous released firmware version to prevent from system failure.



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| Version: v2.5 | Build: Build16091211 |
| Release Date: N/A | |

Applicable Products

ioLogik E1242, ioLogik E1242-T

Supported Operating Systems

N/A

New Features

- Added EtherNet/IP protocol.
- Added RESTful API.
- Added new registers for Modbus/TCP protocol.
- Added new OIDs of SNMP protocol.
- Modbus, EtherNet/IP, RESTful Services can be disabled (default: enable).
- Added sending heartbeat to 9500 port of MX-AOPC UA Server after heartbeat function is enabled.
- Increased password length from 8 to 16.
- Added checking special character function for preventing from Cross-Site Scripting.
- Changed sending password from GET to POST method.
- Added CSRF protection.

Enhancements

N/A

Bugs Fixed

- Fixed file transfer with Chrome browser issue (e.g. firmware update, configuration import or export).

Changes

N/A

Notes

N/A



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| Version: v2.4 | Build: Build16053018 |
| Release Date: N/A | |

Applicable Products

ioLogik E1242, ioLogik E1242-T

Supported Operating Systems

N/A

New Features

- Improve protocol efficiency with ioLogik 2500 series .

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



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| Version: v2.2 | Build: Build14121211 |
| Release Date: N/A | |

Applicable Products

ioLogik E1242, ioLogik E1242-T

Supported Operating Systems

N/A

New Features

- Support ioLogik 2500 expansion mode.
- Support scaling.

Enhancements

N/A

Bugs Fixed

- When power is turned off/on, DO channels will be turned on.
- Unable to disable the P2P Heart beat interval.
- When the Heart beat Interval Time = 0, the P2P server will reconnect continuously.
- When the P2P client heartbeat is set to a value larger than 256, the time interval will be incorrect.
- Web User-Define Modbus address is incorrect.

Changes

N/A

Notes

N/A



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| Version: v2.0 | Build: Build13041515 |
| Release Date: N/A | |

Applicable Products

ioLogik E1242, ioLogik E1242-T

Supported Operating Systems

N/A

New Features

- Support SNMP protocol.
- Add P2P heartbeat function .

Enhancements

N/A

Bugs Fixed

- When power failing, counter storage fail.

Changes

N/A

Notes

- This version of firmware works with the ioSearch V1.5 or later only.
- Use web console when upgrading firmware from V1.0 to V1.10.



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| Version: v1.10 | Build: Build12020809 |
| Release Date: N/A | |

Applicable Products

ioLogik E1242-T, ioLogik E1242

Supported Operating Systems

N/A

New Features

- Added AI ranges 0-20 mA and 4-20 mA for Burn Out mode.

Enhancements

- Ensured system to work properly after unstable power condition.

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



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| Version: v1.9 | Build: Build11112413 |
| Release Date: N/A | |

Applicable Products

ioLogik E1242, ioLogik E1242-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Ensured system to work properly after unstable power condition.

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



| | |
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| Version: v1.8 | Build: Build11092917 |
| Release Date: N/A | |

Applicable Products

ioLogik E1242, ioLogik E1242-T

Supported Operating Systems

N/A

New Features

- Added Locating I/O function in General Settings.
- Added Modbus address function code=0x08 for “ECHO” function.
- Counter overflow status is displayed on Channel Settings, and can be manually cleared.
- Added Modbus address for Peer-to-peer connection and safe mode status.
- Peer-to-peer connection and safe mode status are displayed on Channels Safe Mode Settings.

Enhancements

- Improved firmware upgrading speed.
- Removed Modbus/TCP ID checking mechanism.

Bugs Fixed

- One DO/AO channel should only be peered by one DI/AI channel.
- No matter safe mode is triggered by Watchdog or Peer-to-peer, the DO/AO status under safe mode should be the same.

Changes

N/A

Notes

N/A