Firmware for ioLogik E1200 Series (E1242) Release Notes

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

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.

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

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

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

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.

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

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

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