# Firmware for ioLogik E1200 Series (E1242) Release Notes

| 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