



## Firmware for ioLogik E1200 Series (ioLogik E1211/E1211-T) Release Notes

|                                   |                             |
|-----------------------------------|-----------------------------|
| <b>Version:</b> v4.0              | <b>Build:</b> Build24071616 |
| <b>Release Date:</b> Aug 29, 2025 |                             |

### Applicable Products

ioLogik E1211, ioLogik E1211-T

### Supported Operating Systems

N/A

### New Features

- Uses a new switch-IC for HW Rev. 2.0.
- Adds a configurable MXIO authentication mode.

### Enhancements

N/A

### Bugs Fixed

- Multiple vulnerabilities:
  - Web applications are potentially vulnerable to Clickjacking.
  - Web server transmits credentials in clear text without masking.
  - Web server allows auto-completion of the password.
- Configuration import does not work for accessible IP list.
- The firmware may crash when incorrect cookies are used.
- The operation status in SNMP ifTable is not correct.
- The interface index starting with 0 could cause confusion; should start from 1.
- Remove the redundant oid in SNMP MIB-2 ifTable.
- Cannot copy and paste the web console password should be allowed.
- Correct the E1240/E1242 web description for the peer-to-peer function.
- A compatibility issue with multi-source components for E1242 AI type jumper detection.

### Changes

- The default setting for SNMP/EIP/RESTful services changes to “disable”.
- Changes the format of the web console login password.
- Changes the RESTful response header “content-type” to “application/json”.
- Changes the RESTful header “accept” to “application/json;version=vdn.dac.v1”.

### Notes

N/A



|                                   |                             |
|-----------------------------------|-----------------------------|
| <b>Version:</b> v3.4              | <b>Build:</b> Build24072310 |
| <b>Release Date:</b> Sep 20, 2024 |                             |

### **Applicable Products**

ioLogik E1211, ioLogik E1211-T

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

N/A

### **Bugs Fixed**

- A login page display issue.

### **Changes**

N/A

### **Notes**

N/A



|                                   |                              |
|-----------------------------------|------------------------------|
| <b>Version: v3.3</b>              | <b>Build: Build 22072210</b> |
| <b>Release Date: Aug 03, 2022</b> |                              |

### **Applicable Products**

ioLogik E1211, ioLogik E1211-T

### **Supported Operating Systems**

N/A

### **New Features**

- Adds the default password "moxa".
- Adds a Password and Login Policy.
- Adds the Notification Message function.

### **Enhancements**

- Adds the DHCP Option 12 "Server Name".

### **Bugs Fixed**

- Ethernet/IP cannot establish second input-only session.
- Ethernet frame padding information leakage (Etherleak).

### **Changes**

N/A

### **Notes**

N/A



|                                   |                             |
|-----------------------------------|-----------------------------|
| <b>Version: v3.2</b>              | <b>Build: Build20111915</b> |
| <b>Release Date: Dec 25, 2020</b> |                             |

### **Applicable Products**

ioLogik E1211, ioLogik E1211-T

### **Supported Operating Systems**

N/A

### **New Features**

- Safe Mode supports Ethernet/IP protocol.

### **Enhancements**

N/A

### **Bugs Fixed**

- DHCP mode will not get the Gateway IP.
- The serial number is displayed incorrectly on the web console.
- Ethernet/IP implicit messages are sent to port 2222 by default.

### **Changes**

N/A

### **Notes**

N/A



|                                   |                             |
|-----------------------------------|-----------------------------|
| <b>Version: v3.1</b>              | <b>Build: Build19110615</b> |
| <b>Release Date: Nov 26, 2019</b> |                             |

### **Applicable Products**

ioLogik E1211, ioLogik E1211-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



|                                   |                             |
|-----------------------------------|-----------------------------|
| <b>Version: v3.0</b>              | <b>Build: Build17111512</b> |
| <b>Release Date: Jan 16, 2018</b> |                             |

### **Applicable Products**

ioLogik E1211-T, ioLogik E1211

### **Supported Operating Systems**

N/A

### **New Features**

- Added the 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 invalid token issue on DO setting page.

### **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.



|                          |                             |
|--------------------------|-----------------------------|
| <b>Version: v2.4</b>     | <b>Build: Build16091211</b> |
| <b>Release Date: N/A</b> |                             |

### **Applicable Products**

ioLogik E1211, ioLogik E1211-T

### **Supported Operating Systems**

N/A

### **New Features**

- Added the EtherNet/IP protocol.
- Added RESTful API.
- Added new registers for Modbus/TCP protocol.
- Added new OIDs for the SNMP protocol.
- Modbus, EtherNet/IP, RESTful Services can be disabled (the default is enable).
- Added sending heartbeat to port 9500 of MX-AOPC UA Server after the heartbeat function is enabled.
- Increased the password length from 8 to 16 characters.
- Added a function to check special characters to prevent cross-site scripting.
- Sending passwords now uses the POST method instead of the GET method.

### **Enhancements**

N/A

### **Bugs Fixed**

- Fixed file transfer with Chrome browser issue (e.g. firmware update, configuration import or export).
- Disabled reused DO channels of peer-to-peer settings.

### **Changes**

N/A

### **Notes**

N/A



|                          |                             |
|--------------------------|-----------------------------|
| <b>Version: v2.3</b>     | <b>Build: Build16053018</b> |
| <b>Release Date: N/A</b> |                             |

**Applicable Products**

ioLogik E1211, ioLogik E1211-T

**Supported Operating Systems**

N/A

**New Features**

- Improved protocol efficiency for the ioLogik 2500 Series.

**Enhancements**

N/A

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

N/A



|                          |                             |
|--------------------------|-----------------------------|
| <b>Version: v2.2</b>     | <b>Build: Build14121211</b> |
| <b>Release Date: N/A</b> |                             |

### **Applicable Products**

ioLogik E1211-T, ioLogik E1211

### **Supported Operating Systems**

N/A

### **New Features**

- Supports ioLogik 2500 expansion mode.
- Supports safe mode auto-clear function.
- Supports "DO Power ON Delay" function.

### **Enhancements**

N/A

### **Bugs Fixed**

- 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.
- ioLogik E1211 unable to reset to default.

### **Changes**

N/A

### **Notes**

N/A



|                          |                             |
|--------------------------|-----------------------------|
| <b>Version: v2.0</b>     | <b>Build: Build13041515</b> |
| <b>Release Date: N/A</b> |                             |

### **Applicable Products**

ioLogik E1211, ioLogik E1211-T

### **Supported Operating Systems**

N/A

### **New Features**

- Supports SNMP protocol.
- Added P2P heartbeat function.

### **Enhancements**

N/A

### **Bugs Fixed**

N/A

### **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.



|                          |                             |
|--------------------------|-----------------------------|
| <b>Version: v1.10</b>    | <b>Build: Build12010416</b> |
| <b>Release Date: N/A</b> |                             |

**Applicable Products**

ioLogik E1211, ioLogik E1211-T

**Supported Operating Systems**

N/A

**New Features**

N/A

**Enhancements**

- Wording changed for DO pulse output.

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

N/A



|                          |                             |
|--------------------------|-----------------------------|
| <b>Version: v1.9</b>     | <b>Build: Build11112413</b> |
| <b>Release Date: N/A</b> |                             |

**Applicable Products**

ioLogik E1211, ioLogik E1211-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



|                          |                             |
|--------------------------|-----------------------------|
| <b>Version: v1.8</b>     | <b>Build: Build11092917</b> |
| <b>Release Date: N/A</b> |                             |

### **Applicable Products**

ioLogik E1211, ioLogik E1211-T

### **Supported Operating Systems**

N/A

### **New Features**

- Added "Locating I/O" function under General Settings.
- Added Modbus address function code=0x08 for "ECHO" function.
- Added Modbus address for peer-to-peer connection and safe mode status.
- Peer-to-peer connection and safe mode status are displayed on bootup.

### **Enhancements**

N/A

### **Bugs Fixed**

N/A

### **Changes**

N/A

### **Notes**

N/A