



## Firmware for ioLogik E1200 Series (E1210) Release Notes

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

### Applicable Products

ioLogik E1210-T, ioLogik E1210

### 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 to the web console.
- Added a note on the password settings page that passwords are limited to 16 characters.

### 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 RESTful API header case-sensitive issue.
- Fixed invalid token issue on login page when using Firefox.

### Changes

N/A

### Notes

- This version of the firmware only works with ioSearch v2.0 or later versions.
- To prevent system failure, only update the next or the previous released firmware version to prevent from system failure.



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

### **Applicable Products**

ioLogik E1210, ioLogik E1210-T

### **Supported Operating Systems**

N/A

### **New Features**

- Added the EtherNet/IP protocol.
- Added RESTful API.
- Added new registers for the Modbus/TCP protocol.
- Added new OIDs for the SNMP protocol.
- Modbus, EtherNet/IP, and RESTful services can be disabled (enabled by default).
- Added sending heartbeat to port 9500 of MX-AOPC UA Server after the heartbeat function is enabled.
- Increased password length from 8 to 16 characters.
- Added a function to check special characters to prevent Cross-Site Scripting.
- Passwords are now sent using the POST method instead of the GET method.

### **Enhancements**

N/A

### **Bugs Fixed**

- Fixed file transfer problems when using the Chrome browser (e.g., firmware update, configuration import or export).

### **Changes**

N/A

### **Notes**

N/A



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

**Applicable Products**

ioLogik E1210, ioLogik E1210-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



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|--------------------------|-----------------------------|
| <b>Version: v2.3</b>     | <b>Build: Build15031013</b> |
| <b>Release Date: N/A</b> |                             |

### **Applicable Products**

ioLogik E1210, ioLogik E1210-T

### **Supported Operating Systems**

N/A

### **New Features**

- Supports ioLogik 2500 expansion mode.
- Supports setting an initial value for a counter.

### **Enhancements**

N/A

### **Bugs Fixed**

- Unable to disable the P2P heartbeat interval.
- When the P2P client heartbeat is larger than 256 the time interval is incorrect.

### **Changes**

N/A

### **Notes**

N/A



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

### **Applicable Products**

ioLogik E1210-T, ioLogik E1210

### **Supported Operating Systems**

N/A

### **New Features**

- Supports SNMP protocol.
- Added P2P heartbeat function.

### **Enhancements**

N/A

### **Bugs Fixed**

- The counter storage is deleted when the power fails.

### **Changes**

N/A

### **Notes**

- This version of firmware only works with ioSearch v1.5 or later versions.
- Use the web console when upgrading the firmware from v1.0 to v1.10.



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

**Applicable Products**

ioLogik E1210, ioLogik E1210-T

**Supported Operating Systems**

N/A

**New Features**

N/A

**Enhancements**

- Ensured that the system works properly after unstable power conditions.

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

N/A



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

### **Applicable Products**

ioLogik E1210, ioLogik E1210-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 displayed in Channel Settings can be cleared manually.

### **Enhancements**

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

### **Bugs Fixed**

N/A

### **Changes**

N/A

### **Notes**

- This version of the firmware only works with ioSearch v1.5 or later versions.
- Use the web console when upgrading the firmware from v1.0 to v1.9.