

Software Name: Firmware for ioLogik E1200 Series (E1212)

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v3.0.0	Build17111512	N/A	ioLogik E1212-T, ioLogik E1212	<p><b>New Features:</b></p> <ol style="list-style-type: none"> <li>Added OPTIONS method for RESTful API.</li> <li>Added quick access URI for RESTful API.</li> </ol> <p><b>Enhancements:</b></p> <ol style="list-style-type: none"> <li>Added SNMP Trap Community Setting on web console.</li> <li>Mentioned max. 16 characters on password setting page.</li> </ol>	<p><b>Bugs Fixed:</b></p> <ol style="list-style-type: none"> <li>Fixed DHCP lease time did not ask for extension when half of the lease time elapsed.</li> <li>Closed IP forwarding function (Port 0).</li> <li>Closed UDP Port 161 when SNMP agent is disabled.</li> <li>Fixed RESTful API header case-sensitive issue.</li> <li>Fixed invalid token issue on login page when using Firefox.</li> </ol> <p><b>Changes:</b></p> <p>N/A</p>	<ol style="list-style-type: none"> <li>This version of firmware works with the ioSearch V2.0 or later only.</li> <li>Update only the next or the previous released firmware version to prevent from system failure.</li> </ol>
v2.5	Build16091211	N/A	ioLogik E1212, ioLogik E1212-T	<p><b>New Features:</b></p> <ol style="list-style-type: none"> <li>Added EtherNet/IP protocol.</li> <li>Added RESTful API.</li> <li>Added new registers for Modbus/TCP protocol.</li> <li>Added new OIDs of SNMP protocol.</li> <li>Modbus, EtherNet/IP, RESTful Services can be disabled (default: enable).</li> <li>Added sending heartbeat to 9500 port of MX-AOPC UA Server after heartbeat function is enabled.</li> <li>Increased password length from 8 to 16.</li> <li>Added checking special character function for preventing from Cross-Site Scripting.</li> <li>Changed sending password from GET to POST method.</li> </ol> <p><b>Enhancements:</b></p> <p>N/A</p>	<p><b>Bugs Fixed:</b></p> <ol style="list-style-type: none"> <li>Fixed file transfer with Chrome browser issue (e.g. firmware update, configuration import or export).</li> </ol> <p><b>Changes:</b></p> <p>N/A</p>	N/A

Software Name: Firmware for ioLogik E1200 Series (E1212)

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v2.4	Build16053018	N/A	ioLogik E1212, ioLogik E1212-T	<b>New Features:</b> 1. Improved protocol efficiency with ioLogik 2500 series. <b>Enhancements:</b> N/A	<b>Bugs Fixed:</b> N/A <b>Changes:</b> N/A	N/A
v2.3	Build15031013	N/A	ioLogik E1212-T, ioLogik E1212	<b>New Features:</b> 1. Supports ioLogik 2500 expansion mode. 2. Supports safe mode auto-clear function. 3. Supports counter initial value function. 4. Supports DO Power ON Delay function. <b>Enhancements:</b> N/A	<b>Bugs Fixed:</b> 1. Unable to disable the P2P Heart beat interval. 2. When the Heart beat Interval Time = 0, the P2P server will reconnect continuously. 3. When the P2P client heartbeat is set to a value larger than 256, the time interval will be incorrect. 4. When one DI channel mapping to multiple DO channels in P2P mode, the update interval will be fixed. <b>Changes:</b> N/A	N/A
v2.0	Build13041515	N/A	ioLogik E1212, ioLogik E1212-T	<b>New Features:</b> 1. Supports SNMP protocol. 2. Add P2P heartbeat function . <b>Enhancements:</b> N/A	<b>Bugs Fixed:</b> 1. When power failing, counter storage fail. <b>Changes:</b> N/A	1. This version of firmware works with the ioSearch V1.5 or later only. 2. Use web console when upgrading firmware from V1.0 to V1.10.
v1.10	Build12010416	N/A	ioLogik E1212, ioLogik E1212-T	<b>New Features:</b> N/A <b>Enhancements:</b> 1. Wording change for DO pulse output .	<b>Bugs Fixed:</b> N/A <b>Changes:</b> N/A	N/A

**Software Name:** Firmware for ioLogik E1200 Series (E1212)

Version No.	Build Date No./ Release Date	Supported OS	Apply to Models	New Features/ Enhancements	Bugs Fixed/Changes	Note
v1.9	Build11112413	N/A	ioLogik E1212, ioLogik E1212-T	<p><b>New Features:</b> N/A</p> <p><b>Enhancements:</b> 1. Ensured system to work properly after unstable power condition.</p>	<p><b>Bugs Fixed:</b> N/A</p> <p><b>Changes:</b> N/A</p>	N/A
v1.8	Build11092917	N/A	ioLogik E1212, ioLogik E1212-T	<p><b>New Features:</b> 1. Added Locating I/O function in General Settings. 2. Added Modbus address function code=0x08 for "ECHO" function. 3. Counter overflow status is displayed on Channel Settings, and can be manually cleared. 4. Added Modbus address for Peer-to-peer connection and safe mode status. 5. Peer-to-peer connection and safe mode status are displayed on Channels Safe Mode Settings.</p> <p><b>Enhancements:</b> N/A</p>	<p><b>Bugs Fixed:</b> N/A</p> <p><b>Changes:</b> N/A</p>	N/A