

MIX IP FIRMWARE VERSIONS

The list below contains modifications and new features:

Name	Description
Firmware version 6.1 Release date 12.04.2018	Fixed bugs: <ul style="list-style-type: none"> • Fixed reset of live time value • Fixed Inputs/Outputs watchdog issue related to live time value
Firmware version 6.0 Release date 07.12.2017	New functions: <ul style="list-style-type: none"> • Firmware Version 6.0 released with BACnet certification • Added possibility to upgrade devices firmware via BACnet Fixed bugs: <ul style="list-style-type: none"> • Fixed out of service flags in AO, BO and TO in BACnet • Fixed overridden flags in AO, BO and TO in BACnet • Fixed bug with number of counters for Binary Input object (now variable is 32 bit) • Changed AO-1, BO-1, TO-1 HAND_STATUS Access to read only in BACnet
Firmware version 5.5 Release date 01.06.2017	New functions: <ul style="list-style-type: none"> • Added new proprietary properties in BACnet Device object: <ol style="list-style-type: none"> a) Property 3020 HW_VERSION b) Property 3030 VERSION_TYPE c) Property 3084 BAUD_RATE d) Property 3085 USER_BAUD_RATE e) Property 3101 IP_ADDRESS f) Property 3102 SUBNET_MASK g) Property 3103 DEFAULT_GATEWAY h) Property 3104 HTTP_PORT i) Property 3105 BACNET_UDP_PORT • Added new Modbus registers for: <ol style="list-style-type: none"> a) Register 30130 HW_VERSION b) Register 30131 MAC_ADDRESS • Added new element on the web page: <ol style="list-style-type: none"> a) Hardware Version –main page, section Basic Information Improvements: <ul style="list-style-type: none"> • Improved Ethernet communication in Modbus Gateway mode;

	<ul style="list-style-type: none"> Improved algorithm of resetting Ethernet switch when error is detected (improved Ethernet stability); <p>Fixed bugs:</p> <ul style="list-style-type: none"> Fixed built-in web page (now BACnet COV Increment always in format with one decimal place);
<p>Firmware version 5.0</p> <p>Release date 04.01.2017</p>	<p>Improvements:</p> <ul style="list-style-type: none"> Improved BACnet COV Increment can now have values with resolution 0.1; Added power Led flashing after IO watchdog triggered; Added immediately detecting sensors short circuit and disconnection regardless of filter settings on universal inputs;
<p>Firmware version 4.4</p> <p>Release date 28.09.2016</p>	<ul style="list-style-type: none"> Fixed built-in web page (BACnet COV Increment "0" value cannot be set); Modbus TCP exception codes improved; UI filter improved (better signal stability at a lower filter time constant); Fixed a physical output state when priority table is null in BACnet Binary/Analog Output object (when priority table is null physical output is set to relinquish default value);
<p>Firmware version 4.3</p> <p>Release date 30.03.2016</p>	<ul style="list-style-type: none"> Improved algorithm of handling Modbus TCP connections and data (when incorrect data arrives device will close the connection); improved Ethernet stability when device receive invalid Ethernet frame;
<p>Firmware version 4.1</p> <p>Release date 18.01.2016</p>	<ul style="list-style-type: none"> Resolved problem with BACnet hanging after device reset; New BACnet objects for configuration, detail in manual; Improved on the built-in web page; Improved configuration of flag Out Of Service and Override in Digital Outputs and Analog Outputs; Added COV Increment for Universal Inputs and Analog Outputs BACnet Out Of Service for UI and BI with the possibility of overwriting present value; BACnet Analog Output and Binary Output priority table reset after watchdog was triggered; Added BACnet device property (Active COV Subscriptions); Added BACnet objects for additional mode in 4I40;

	<ul style="list-style-type: none"> • Improved Resistance measurement on Universal Input for increased accuracy of PT1000 and NI1000; • Improved UI measurement for 16-bit resolution; • Reading new IP address after reload settings; • Fixed temperature sensor configuration for Universal Input; • Added flag Send Modbus Error; • Improved socket service interface for Modbus protocol; • Added PHY reset when error was detected (improved Ethernet stability); • Protocol Type has moved to IP Configuration on web page; • Disable BACnet protocol when Dipswitch are set to Modbus; • Fixed command Write Single Register in Modbus TCP;
Firmware version 2.1 Release date 28.08.2015	<ul style="list-style-type: none"> • Improved edit user baud rate on the built-in web page; • Resolved problem with Analog Outputs (reset PWM value in 0-10V mode); • Improvement of error codes in Modbus TCP; • Additional login 'platform' to the built-in web page;
Firmware version 1.6 Release date 06.08.2015	<ul style="list-style-type: none"> • Resolved problem with IO watchdog; • Improved saving to EEPROM (counters after restore default settings was not saved);
Firmware version 1.3 Release date 13.07.2015	<ul style="list-style-type: none"> • Improved Resistance Input for Universal Input; • Improved sequence of outputs in Digital Output; • Resolved problem with PWM;
Firmware version 1.0 Release date 01.07.2015	<ul style="list-style-type: none"> • First release