H-IO
Version : 1.10.16.05 `LATEST`
Web: 1.010.16.05 `LATEST`

Date: 26th Jul 2016

New Features

1. None

Bugs Fixed

1. None

Modification

1. Enable service report in firmware and webpage.

Compatibility List

1. This firmware require P1 software version P1 v3.13a.16.05 and above.

H-IO
Version : 1.09.16.03
Web: 1.03.10.08

Date: 04th April 2016

New Features

1. None

Bugs Fixed

1. None

Modification

1. Ensure detection of Daughter Board whenever plugged in.

Compatibility List

1. This firmware require P1 software version P1 v3.11f.12.07_u03 and above.

<u>H-IO</u>
Version : 1.08.12.07
Web: 1.03.10.08

Date: 27th July 2012

New Features

1. None

Bugs Fixed

1. None

Modification

1. Improve on production process.

Compatibility List

1. This firmware require P1 software version P1 v3.11f.12.07_u03 and above.

<u>H-IO</u>
Version : 1.07.11.12
Web: 1.03.10.08

Date: 9th February 2012

New Features

1. Support for P1 software base remote triggering

Bugs Fixed

1. None

Modification

1. None

Compatibility List

1. This firmware require P1 software version P1 v3.11f.12.07_u03 and above.

<u>H-IO</u>
Version : 1.06.11.01
Web: 1.03.10.08

Date: 9th February 2011

New Features

1. None

Bugs Fixed

1. Solve controller communication with P1 failed after
    a. P1 change port number
    b. Controller change port number using webpage.

Modification

1. None

Compatibility List

1. None

H-IO
Version : 1.04.10.10

Date: 27 October 2010

New Features

1. None

Bugs Fixed

1. Solve controller time will revert to 2001 January 1st when the following condition has been meet :
   a. Current controller date is larger than 19th or controller month is larger than September.
   b. A controller reset happen.
2. Solve for in network connection when controller is configure server using host name, when controller internet connection is disconnect and connect a few times, controller will not be able to communicate with server. (P1 server will saw a controller down)

Modification

1. None

Compatibility List

1. None

<u>H-IO</u>
Version : 1.03.10.08

Date: 23 August 2010

New Features

1. None

Bugs Fixed

1. None

Modification

1. Enable receive broadcast command from master (example: L3800)
2. Improve on controller web handling
3. Web version update to 1.03.10.08

Compatibility List

1. None

<u>H-IO</u>
Version : 1.02.09.11

Date: 11nd NOV 2009

New Features

1. None

Bugs Fixed

1. None

Modification

1. Ensure EEPROM read/write test is adhere to EEPROM speciation (continuous read/write of 8 bytes on the row)
2. Changes of Serial 1 RS485 DE/RE control pin from MCU URTS2 → URTS0 to follow hardware design change

Compatibility List

1. None

H-IO
Version : 1.01.09.11

Date: 2ⁿᵈ NOV 2009

New Features

1. Enable Relay Invert function
    a. Insert a new parameter to capture output relay status, EasyIo.RelayInvert
    b. Insert new function to check initial setting for relay state during InitIO
    c. Insert new parameter setting at modbus_app.c to set for EasyIo.RelayInvert

Bugs Fixed

1. None

Modification

1. Remove MAC address from IP parameter structure.
    temp_pars->temp_network.ucOurMAC ---> ucAddrMAC
2. Changes to ease production flow:
    a. Remove read MAC address from SPI and replace with read MAC address directly from bootloader. So that when there is no MAC address at bootloader, a default MAC [00-01-02-03-01-02] will use.
    b. Insert a new SPI test function, testSPI for production testing
3. Change SPI memory size from 32Mbit to 16Mbit
4. Modified PREPARE_INPUT_REGISTERS to support Entech IO function
5. Insert new exceptions as MODBUS_EXCEPTION_CODE_5 for fail to save and MODBUS_EXCEPTION_CODE_6 for extension board fail
6. Insert a new hard-cold-start function (jumper+coldstart) to perform factory default
7. Change "if (Rcv_Adrs == SlaveIDAddress)" to "if(Rcv_Adrs == ptrMODBUS_pars->ucModbus_slave_address[MODBUS_UART_2])" for RS485-3 production testing

Compatibility List

1. None