Kinco HMIWare v2.5 Build170731 Improvements:

Release time:2017.7.31

New/improved items:

1.New HMI MT4043R

2.More items for Event Display:

3.Items of Event Display can be set to start from serial number 1 or 0 . LB9125=on for 1, LB9125=off(default) for 0

4.New function: continuous buzz for Event Information List

5.Keep buzzing after alarm off (LB9403=on)

6.Add Minimum Hold Time for triggered events

7.New option:[event return to normal and acknowledge color].New function:[acknowledge all events]

8.New function: to shield PLC network communication. Related registers:LW9605-9606. LW9605.0~9605.2 for serial 0- serial2,the others for network communication,as to say users can shield 29 PLC network communication

9.New special register LW9999 for millisecond of system time

10.New function: change font color when invalid touch occurs

11.Use LB9148 to update data from sample components like Trend Curve to CSV

12.Add scale to XY plot

13.Add Project Source to list in Multiple State Switch

14.New function:copy/paste folder in File List(LB9147=on). Default value:LB9147=off

15.Add serial number to macro

16.Users can choose different states and types of events stored to extend memory device

17.New function: to get the front window number

18.New function: put modified serial port communication parameters into effect immediately when LB9507 is on,default value:off

19.New macro function:int ReadData(Param, int plcNo, int addr, int nRegs, void *buf)，int WriteData(Param, int plcNo, int addr, int nRegs, void *buf);

20.Independent background color setting for dropdown list

21.USB-supported scanning gun special registers.LW8900-received text starting address.LB8999-successful scan sign.Once successfully scanned,it turns on.Next time it should be set off manually

22.New local registers:ELW 0~134217727,ELW.B 0~134217727.F

23.New function: users can change user permissions password set in HMI attribution .Users with administrator permission can change others` password

24.User permission password change informing function.LW9515-days   that users cannot change current password. LB9192-no password change sign.LW9516-days for users to keep current password.LB9193-change password warning Default value 0-no limit

25.User permission password supports full keyboard, password register:LW9840-9847,ensure password register:LW9848-9855

26.New function:Operation Log can record data change of Number Input

27.New added register LW9131 to set second for Screen Saver.So far users can set minute in software and set second in LW9131 for it

28.Operation Log,Historical Event Display,Historical Date Display and Data Report will support four number year type

29.New added VNC client component;

30.New register LB9103 = on,not empty LW9060 ~ 9075 numerical after input the numerical;

31.To improve moving cursor in Number Input ,so that users can move it for right to left or from left to right

32.Improve macro response performance. Set higher priority to Function Button in triggering a macro by setting LB9115 on

33.Make it work more quickly when using many conditional display

34.Text related components support complete font library,that means vector font is available in Chinese.Attention:it will enlarge your font file.Text Input and Text Display support 64 words(16 words only before).Font fine tuning supports 400 pixels(100 before)

35.Vector font and graph font size support 258(144 before)

36.PLC Control-Execute Macro Programme supports word value change, double word

37.Add function:clear to History Data Report in Data Report

38.When data type is string in Datalogger ,the biggest length is 64 (32 before)

New/improved PLC protocol

1.New PLC protocol:Panasonic FP7 Ethernet(TCP slave)

2.New PLC protocol:Delta AS300 Ethernet(TCP Slave)

3.New PLC protocol:SIEMENS LOGO! Ethernet (TCP Slave)

4.New PLC protocol:Inovance H3u、Inovance H3u Ethernet(TCP Slave)

5.New PLC protocol:Mitsubishi FX5U

6.New PLC protocol:Shimaden MR13

7.New printer HP LaserJet P1108.Only MT4000 series HMI supports it.Users have to use this software version to update kernel and rootfs

8.New network protocol for AB850

9.Improve XINJIE XC Series protocol, add ED\ID\QD registers

10.Improve OMRON CJ/CS/NJ Series Ethernet(UDP Slave),add message:support　NX series

11.Improve Keyence KV-N60AT

12.Improve Mitsubishi FX0N_FX1N_FX2N_FX3G to support Mitsubishi -similar PLCs

13.Improve smart 200 network protocol,add T\C registers

14.Modify GE IP Ethernet(TCP slave).Three problems are solved in this case:Communication failure when using some registers,mass code when one lane moved in multiple PLC communication

15.Solve the problem of unexpected communication after reboot when using SIEMENS S7-200 serial protocol

16.Speed up communication between one HMI and several PLCs using Mitsubishi FX-485ADP_485BD (Multi-station)

17.Solve the problem that unexpected writing value in DBn_DBD occurs when using address that is not multiple of 4 in Siemens MPI

18.Solve the problem in DCCE network communication :anomalous communication when interfere occurs

19.Solve two problems: reading negative number anomaly,reading bit address too slow

20.Solve the problem of dislocation in D register of Mitsubishi Q series (CPU Port)

21.Improve Modbus TCP Slave

Improved software bugs:

1.Old type HMIs cannot start normally in user interface or touch calibration interface

2.Hide channel function invalid when using zoom function in Trend Curve.

3.Unexpected item lose in Data Report sampling.

4.Mass code CSV file of Data Report using unicode channel.

5.Anomalous variable cycle of Timer.

6.Anomalous timing after several times triggered by register in timer.

7.Software crash after some operations of Schedule List.

8.Anomalous operation caused by invalid query time form of Data Report.

9.Anomalous display control(register control) when initializing communication fails.

10.Anomalous initial display of Event Display when display condition is not satisfied.

11.Anomalous print per point after clearing Trend Curve

12.Anomalous display of some png pictures.

13.Invalid operation of LB9140 to button:+ in keyboard of Caps Lock

14.Slow change window speed caused by network communication.

15.Mass code of Operation Log caused by inputting Chinese in Text Input.

16.Invalid picbridge print.

17.Pinyin input method invalid after several input of phrases.

18.Unexpected sample data missing at the start point of Data History Display.

19.Anomalous switch type:pulse when read address is different from the write address

20.Compatible problems between different versions after adding Text Library to Control Setting-Records Operation

21.Communication slows down after reconnecting of high-speed timed transmission

22.Abnormal U disk state caused by playing sound(invalid visit of information file)

23.Failed MPI communication of 4030 series HMI.(Users should update kernel and rootfs with this software version to solve the problem)

24.Timing does not start over when alarm is triggered again once backlight is switched on by one alarm

25.Software crash caused by using Address Tag in Event Information logon

26.Error message shows up when the size of History Data Display component is small in configuration software

27.Crash in compiling when states of text library is more than 256

28.Dead loop of compiling caused by using`saved as`to save a programme

29.Abnormal Min\Max float value in Data Report

30.Fixed a problem with Korean interface garbled words;

31.Resolved the problem of the text input component left-aligned, the cursor is not close to the characters；

32.Modified in Russian operating system, muti-state set components for floating point data types, reopen the component properties box,the minimum and maximum showed abnormal problems；