

## Kinco DTools v3.5.3 Build211028 Major improvements:

### Add/optimized features:

1. Create new support MK043E、MK070E、MT043\043E、MT070\070E、MT100\MT100E、MT070E-4G、MT100E-4G、GT100E1、GT070E2、GT121E、GT150E2、GT100E2-CAN;
2. Table component row height and column width support customization;
3. The new function supports online modification of user logout time;
4. Create new import function support for Kinco PLC and SIEMENS 1200\1500 driver's absolute address tag;
5. Create new support for OPC UA client functions;
6. The kdmanager tool create new supports the function of reading MAC address;
7. Improve the beckhoff label drive import problem, open support for more data types;
8. The MQTT subscription adds the function of supporting user-defined format, and the MQTT topic supports the function of dynamic string; Create new buffer function with a maximum value of 20000;
9. Add bitwise operation function in event information login; he event display element supports confirmation, recovery date and query functions;
10. Create new function of keyboard window position automatic adjustment;
11. New graphic fixed point position setting and rotation functions;
12. Create new support for multi line add and delete and export CSV file name customization function;
13. Improve Alyun IIoT functions;
14. New access point name (APN) related setting functions for 4G mobile network;
15. Create new the function of equal width of numeric element, time element and vector font;
16. New display control attributes for text and drawing components;
17. The dtools series screen supports VNC browsing of web pages; New interlocking function between screen and VNC client;
18. Data report display and real-time report of curve components, and the option to retain data when adding a switching window; Real time report sequence display scroll bar,create new support real-time automatic positioning to the latest functions;
19. Add the function of macro accessing network database;
20. The password format is Create new, the keyboard does not display the \* function, and LB9176\LB9177 are set to on at the same time;
21. New function that project download does not modify IP in HMI;

### Add / modify PLC drive:

1. Create new Trio TCP-IP(mode 7)Ethernet Driver;
2. Create new Haiwell Ethernet(TCP Slave)Driver;
3. Create new Delta DVP-ES3 Series ASCII、Delta DVP-ES3 Series RTU、Delta DVP-ES3 Ethernet(TCP Slave)Driver;
4. Create new HJ212 Driver;
5. Create new SIKO AG05 SIKONETZ5 Driver;
6. Create new CODESYS V3 Ethernet(Free tag Names)、CODESYS V2 Ethernet(TCP Slave)(Free tag Names)、CODESYS V2 Ethernet(TCP Slave)Driver;
7. Create new HUATO S500 instrument drive;
8. Create new Keyence KV-8000 EtherNet(TCP Slave)(Free Tag Names)Driver;
9. Improve Keyence KV-N60AT Driver,create new TM\_bit register;
10. Improve Keyence KV-5000 EtherNet Slave Driver , Create new TM\_bit、EM\_bit register;
11. Improve Delta MC Series RTU、Delta MC Series ASCII、Delta MC Ethernet(TCP Slave)Driver , Create new MX

register;

12. Improve Panasonic FP Driver , Compatible with Panasonic like control board;
13. Improve Panasonic FP7、Panasonic FP7 Ethernet(TCP slave)Driver,Create new Index register I;
14. Improve Kinco Master、Kinco Slave Driver,Support broadcast register;
15. Improve Modbus ASCII Driver,Create new 4x\_bit, 3x\_bit register;
16. Improve Modbus RTU(Unsupported 06 function) Driver,Solve the problem of slow communication;
17. Improve GE IP Ethernet(TCP slave)、GE RX3i Ethernet(TCP Slave)Driver,Create new R\_bit register;
18. Improve Yaskawa UDP Slave Driver , Create new GW、GB register;
19. Correct OMRON CJ\_CS Series Ethernet(UDP Slave)Driver unstable communication problem;
20. Correct JUNCTECH JC\_JS\_JM Series Driver batch write problem;
21. Correct the address communication exception of Kinco Servo Series Driver;
22. Correct Beckhoff TwinCAT PLC \_Free Tag Names Ethernet Driver,The same IP, different ADS set two PLC address addresses on the same page cause abnormal communication problem;
23. Correct FATEK FB Driver,Solve the problem of abnormal communication of M register;
24. Correct Inovance H5u Ethernet(TCP Slave) , Solve the problem of accidental failure of reset button;
25. Correct SIEMENS S7-1200 Network Slave Driver boundary problem , Create new DBn\_String register;

**Fix software bug :**

1. Fix the problem that the slider cannot be dragged to the upper and lower limits when the upper and lower limits of the scroll bar elements are corrected;
2. Fixe some problems with address lookup;
3. Fix some known issues with KDManager;
4. Fix some known problems of MQTT and Alyun IIoT;
5. Fix known issues of the list and drop-down list component parts;
6. Fix the problem that the title bar of report export CSV file does not support multilingual function;
7. Fix the problem of software crash caused by some operations;
8. Fix the problem that the download port number of the screen was tampered with in some cases;
9. Fix the problem that 4G screen can't surf the Internet due to the download project after modifying the wired network IP;
10. Fix the problem of GIF diagram causing crash;