

TV5600 LCD display dispensing controller

ADTECH new generation of open type ADT-TV5600DJ dispensing control system is composed of ADT-TV5600 handheld box + based system offline motion control card OMC composition (OMC8830 / OMC8848 / OMC8860), via Modbus serial communications between connection, ADT-TV5600 complete human interface work, offline motion control cards complete motion control and IO port and other operations. All these consist of a split, the whole three-dimensional, high-precision dedicated motion control system.



Features:

- Using look-ahead algorithm, automatic arc corner speed, and can automatically fillet inflection point;
- Supports standard Modbus ASCII, Modbus RTU and Modbus TCP communication protocol;
- Support which is designed to solve non-standard technology Lua scripting capabilities;
- Support air shift, line, ellipse, spline, documents calls and other rich processing instructions, and open user-defined command (customers can write their own command specific action);
- Rotational axis radius compensation;
- Computer can be imported PLT files and G-code file;
- Graphical preview and real-time dynamic display processing path;
- Circulation processing, single processing, automatic processing, single-step processing, and other processing methods;
- Processing files can be stored 10,000 laboratories;
- Real-time dynamic display processing path;

Convenient and friendly teaching and editing files, and provides bulk editing, array-based replication, graphics translation, image scaling, automatic fillet and many other advanced editing features, with a common graphics library to facilitate customer calls.

Product Specifications:

Controlled axes: 2-6 axis;

2-4 axis interpolation, support linear space, space arc, space ellipse, spline curve;

Communication interface: RS232 communication module, U disk function, usb communication, network port;

Handheld box screen pixels: 480X272 pixels, color;

Handheld box 128M, offline card storage space: 128M

Digital inputs: All opto-isolated, input voltage: 12-24V;

Digital Output: All opto-isolated, NPN open collector 5-24VDC, rated current up to 0.5A, Single maximum current up to 1A.

Control function:

- 2-6 Axis interpolation, Space linear、Space arc、Space oval.
- Using the algorithm of speed forward, Automatic arc corner speed.
- Support: Modbus ASCII、ModbusRTU and Modbus TCP communication protocol.
- Support designed to solve the problem of Non-standard process LUA script functions.
- Axis of rotation radius compensation.

IO

- All the OMC8848 are photo-isolator ,input voltage 12-24V
- Output type: NPN open collector 5-24VDC, Rated current 0.5A,Max current of single road 1A.
- Every axis hardware plus or minus limit、origin and stop、start button (Limit input can be set up as a general purpose invalid input)

Application:

Semiconductor packaging equipment

Speakers dispensing equipment;

PUB electronic components- Fixed and protective equipment;

Battery compartment dispensing closure ten equipment

LCD glass substrate sticking equipment package;

Mechanical vehicles zero precision dispensing equipment;

Phone-mobile phone plate coated or key dispensing equipment;

Binding chip precision dispensing equipment.

