

10 INCH TOUCH CONTROL PANEL (DESKTOP)

TCP10D

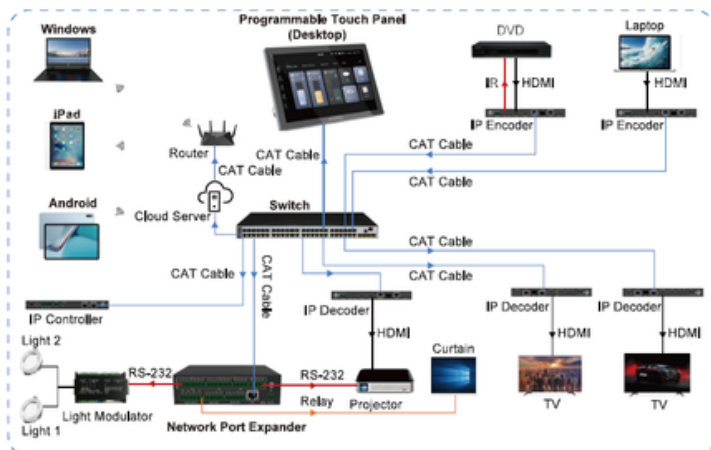


FEATURES

This programmable touch screen control panel is designed to be utilized in the sectors of automated office system, multi-media room and smart home. With a programmable interactive user interface over configuration protocols, the integrated system provides intelligent networking service. This desktop touch panel is equipped with a capacitive touch screen with a resolution of 1280*800 and it supports one RS-485 serial port. It is used in a diverse range of installations and applications across industries including multi-media conference rooms, multi-functional halls, training centers, show room, broadcasting studios and industrial automation.

- ARM Cortex-A55 architecture 1.8GHz main frequency
- Android 11.0 system, 4GB DDR4 RAM, 32GB EMMC Flash
- 10-inch 1280*800 (16:10) resolution, desktop screen design
- Can be used as touch screen central control or user terminal
- Supports one RS-485 communication serial port, capable of configuring 8 baud rates in the range of 2400-115200bps
- Support access to the host system management web page with a password
- Compliant with industry standard network communication protocols (TCP/IP, Http, UDP, WebSocket)
- With 1 Gigabit network port, the highest rate up to 1Gbps
- Dual power supply mode, supporting PoE or independent DC power supply
- Interface and function configuration via central control software
- Supports remote control, remote O&M, online upgrade
- Support factory reset

APPLICATION EXAMPLE



SPECIFICATION

SPECIFICATION	
Technical	
CPU	- ARM Cortex-A55 1.8GHz
Operating System	- Android 11
RAM	- 4GB DDR4 RAM
Flash Memory	- 32GB EMMC Flash
Screen Size	- 10 Inch (diagonal)
Screen Resolution	- 1280*800
Touch Type	- Capacitive Touch Screen
Connection	
RS-232	- 1 x 3-pin Phoenix Connector, for RS-232 serial data communication
LAN/PoE	- 1 x Standard 10M/100M/1000M Ethernet RJ45 port, supporting PoE function
Power	- 1 x 2-pin Phoenix Connector, for power supply
Debug	- 1 x Micro USB, system debugging port
Power	
Power supply	- Input: AC 100-240V 50/60Hz - Output: DC 24V/1A - PoE
Power Consumption	- 6W
General	
Physical Dimension (W x D x H)	- 245.4mm x 164mm x 27mm
Weight	- 0.887kg
Housing	- Front Panel: Touch Screen - Rear Case: Aluminum Alloys
Operating Temperature	- 0 - 40 °C
Storage Temperature	- -20 - 60 °C
Humidity	- Operating Humidity: 20 - 80% (relative humidity, non-condensing) - Storage Humidity: 10 - 90% (relative humidity, non-condensing)
Safety	
ESD Protection	- IEC 61000-4-2: ±8KV (Air-gap discharge) & ±4KV (Contact discharge)