

TP-07i 7" Wall Mounted Touch Panel



The ABtUS TP-07i is a IPS 65k true colour 7" LCD touch screen panel with a resolution of 1024x600 pixels.

The interface is fully customizable with features such as multiple pages, customizable buttons layout, fonts and etc. It also supports pictures and graphics in JPG, PNG, BMP and other picture formats.

It can work as a stand alone control unit, deployed with a central control system or synchronize with multiple units for large area deployment.

Ideal for home automation, meeting room controls and smart rooms.

Features

- 7" IPS 65k true colour LCD touch screen
- 4 X RS232 control ports
- 1 X RS485 control port
- 2 X IR outputs
- 2 X Digital I/O
- 4 X Relay ports
- 1 X Temperature Sensor I/O
- 1 X RJ45 (POE)
- Capacitive Touch Screen
- Resolution: 1024x600 pixels
- Support multiple units synchronization
- With screen standby protection settings and electronic calendar display
- Support scene settings and macro
- Support SCRIPT functions
- Built with 64MB, Flash memory
- Built with 3999 IDs (each ID can support 255 commands and delays)

Technical specification

Display Mode:	65K True Colour IPS LCD
Screen size:	7" (17.8cm diagonal)
Touch Screen:	Capacitive touch
Screen Resolution:	1024 x 600 pixels
Contrast ratio:	800:1
Brightness:	450cd/m ²
Control Ports:	2 x Bidirectional RS232 ports, 2 x 3 pin 3.5mm detachable terminal blocks Up to 115.2k baud rate 2 x Unidirectional RS232 ports, 2 x 2 pin 3.5mm detachable terminal blocks Up to 115.2k baud rate 1 x RJ45 port (Supports POE and Ethernet control) 4 x Relays (Normally Open) 1 x Half duplex RS485 port, 1 x 3 Pin 3.5mm detachable terminal block 2 x IR output ports, 1 x 2 pin 3.5mm detachable terminal block (Supports 1 way communication, 38kHz) 1 x Temperature/Humidity Sensor, 1 x 3 Pin 3.5mm detachable terminal block 2 x Digital I/O port, 1 x 3 Pin 3.5mm detachable terminal block (Digital Input: Rated for 0-5 Volts DC, threshold >3.5V high/1 and <1.0V low/0)
Communication Ports:	USB mini-B 5 pin female (For setup only)
Negotiation speed:	10Mbps Half-duplex
Internal Memory:	64MB, Flash memory
Power Supply:	DC 9V-24V 1A, 1 x 4 pin 3.5mm detachable terminal block
Construction:	ABS & Aluminum
Dimension (WxDxH)	195mm x 42mm x 113mm
Weight	450g

Typical applications

- Any professional control system requiring multiple lighting/dimming or environmental control.
- Schools (Media Classrooms) • Churches • Corporate Applications (Meeting Rooms) • Home Automation • Home Theaters
 - Hotels In Room Control