

## TP-05I Wall Mounted Touch Panel



The ABtUS TP-05I is a TFT 65k true colour 5"LCD touch screen panel with a resolution of 800x480 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

- 5" TFT 65k true colour LCD touch screen
- 3 X RS232/485 control ports
- 1 X IR output
- 1 X Digital I/O
- 1 X Temperature sensor I/O
- Support multiple units synchronization
- With screen standby protection settings and electronic calendar display
- Support scene settings and macro
- Support SCRIPT functions
- Built with 32MB, Flash memory
- Built with 3999 IDs (each ID can support 255 commands and delays)
- uses external DC 12V -24V power supply

### Technical specification

<b>Display Mode</b>	: 65K True Colour TTF LCD (6H Scratch Resistance Glass)
<b>Screen size</b>	: 5" (10.9cm diagonal)
<b>Touch Screen</b>	: Projected Capacitive
<b>Screen Resolution</b>	: 800 x 480 pixels
<b>Control Ports</b>	: 2 x Bidirectional RS232 ports, 2 x 3 pin 3.5mm detachable terminal blocks Up to 115.2k baud rate 1 x RS485 port, 1 x 3 Pin 3.5mm detachable terminal block 1 x IR output port, 1 x 2 pin 3.5mm detachable terminal block (Supports 1 way communication, 20-60khz) 1 x Temperature/Humidity Sensor, 1 x 3 Pin 3.5mm detachable terminal block 1 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)
<b>Communication Ports</b>	: RS232/RS-485 (RS-232 supports 2 way communication up to 115.2k baud rate) USB, Supports computer console via front panel USB mini-B 5 pin female (For setup only)
<b>Internal Memory</b>	: 32MB, Flash memory
<b>Power Supply</b>	: DC 9V-24V 1A, 1 x 2 pin 3.5mm detachable terminal block
<b>Construction</b>	: PC/ABS Materials
<b>Dimension</b>	: 162 x 99 x 22 mm (L x H x D)
<b>Weight</b>	: 400g

# TP-05i

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### 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

### Diagram

