



Prestel DTCP-10 Programmable Touch Screen Control Panel User Manual

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Prestel DTCP-10 Programmable Touch Screen Control Panel (Desktop)

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DTCP-10 Programmable Touch Screen Control Panel



USER MANUAL

Thank you for purchasing this product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge protection device recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lightning strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

Introduction

The 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. The control 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.

Features

- ☆ ARM Cortex-A53 architecture 1.8Ghz main frequency
- ☆ Android 9.0 system, 8GB Emmc Flash, 2GB DDR4 RAM
- ☆ 1280*800 (16:10) resolution, desktop screen design
- ☆ One machine with two modes, can be used as touch screen central control or user terminal
- ☆ Support one RS-485 communication serial port, which is 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, Web socket)
- ☆ With 1 Gigabit network port, the highest rate up to 1G/bps
- ☆ Support POE function or independent DC 24V/1A power supply
- ☆ Interface and function configuration via central control software
- ☆ Support remote control, remote O&M, online upgrade
- ☆ Support factory reset

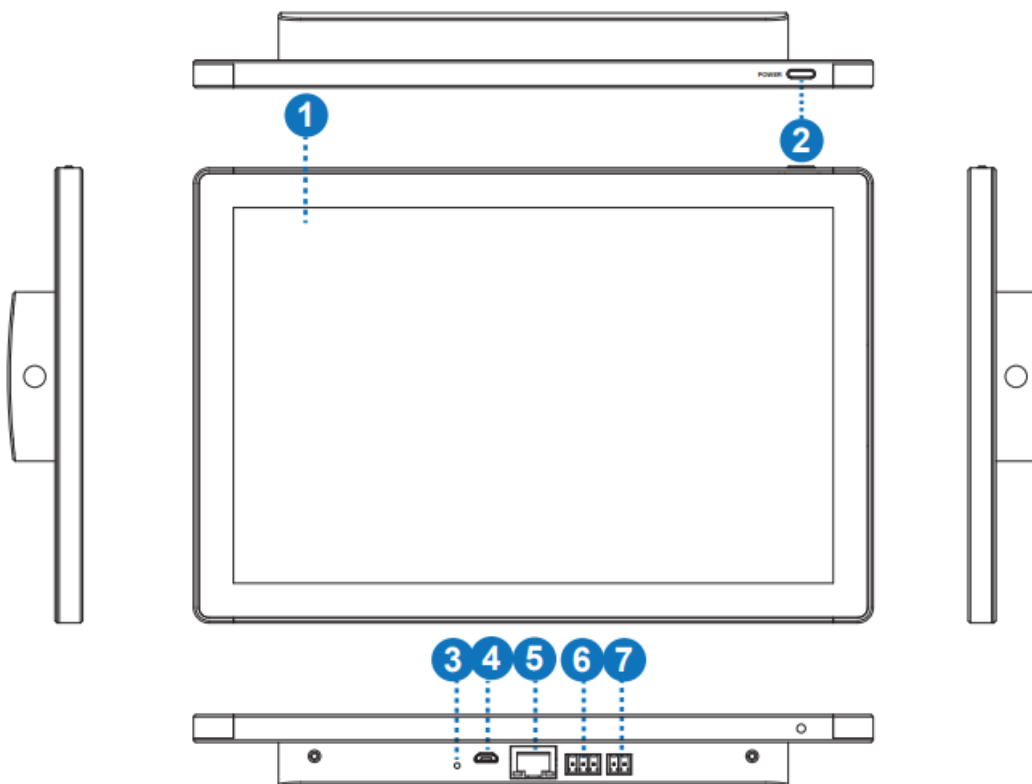
Package Contents

1. 1 × Programmable Touch Screen Control Panel (Desktop)
2. 1 × 3pin-3.81mm Phoenix Connectors (male)
3. 1 × 24V 1A Multinational Power Supply (2pin-3.81mm Phoenix Connector)


Specifications

Technical	
CPU	ARM Cortex-A53 1.8GHz
Operation System	Android 9
RAM	2GB DDR4 RAM
Flash Memory	8GB EMMC Flash
Resolution	1280*800
Touch Type	Capacitive Touch Screen
Connection	
RS-485	1 × 3-pin Phoenix Connectors, for RS-485 serial data communication
LAN/POE	1 standard 10M/100M/1000M Ethernet RJ45 interface, supporting POE function
POWER	1 × 2-pin Phoenix Connectors, for power supply
DEBUG	1 × Micro USB, system debugging port
Mechanical	
Housing	Front Panel — Touch Screen; Rear Case — Aluminum Alloys
Color	Front Panel — Black; Rear Case — Apple Gray
Dimension	245.4mm (L) × 164mm (W) × 27mm (D)
Weight	887g
Power Supply	24V DC/1A or POE
Power Consumption	6W
Operation Temperature	0°C ~ 40°C / 32°F ~ 104°F
Relative Humidity	10~90% RH (non-condensing)

Operation Controls and Functions



No.	Name	Function Description
1	Touch Screen	Capacitive touch screen. The user control interface can be configured through the IDE tool.
2	POWER button	Used for system power on/off, screen off or wake-up.
3	RESET button	<p>Reboot: After the device boots up, press and hold the RESET button for more than 1s less than 5s, then release it, the device will reboot. The device won't upload the user projects after rebooting.</p> <p>Reset: After the device boots up, press and hold the RESET button for more than 5s, then release it, the device will reset the user configuration information, the IP will be restored to DHCP state, the login password of the management page will be initialized to "admin", the device time will be initialized to automatic acquisition mode, but user projects won't be deleted by factory initialization.</p>

 The image shows the Prestel DTCP-10 Programmable Touch Screen Control Panel. It is a rectangular device with a large touch screen displaying a grid of colorful icons. To the right of the screen is a vertical column of physical buttons. The device is shown from a slightly elevated front perspective. Above the image, the text 'Prestel DTCP-10' is visible, and below it, 'Programmable Touch Screen Control Panel (DTCP-10)' is written. A small 'USER MANUAL' label is at the bottom left of the image area.	<p>Prestel DTCP-10 Programmable Touch Screen Control Panel [pdf] User Manual</p> <p>DTCP-10 Programmable Touch Screen Control Panel, DTCP-10, Programmable Touch Screen Control Panel, Touch Screen Control Panel, Screen Control Panel, Control Panel</p>
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