

VOKON Touch Panel [10.1-inch]

VZ-DC110



Product Overview

VZ-DC110 is a 10-inch wall-mounted capacitive touch control panel equipped with a 65K color IPS screen (1280*800 resolution). Powered by an 800MHz dual-core processor with 1GB memory, it runs an embedded real-time OS supporting 3-second fast boot. Users can customize UI via dedicated design software with drag-and-drop widgets and offline simulation. It features bidirectional status feedback, Lua script programming for logic processing and private protocol conversion without extra MCU. Rich onboard ports include 2×RS232, 1×RS485, 4×IR outputs, 2×IO interfaces and Ethernet for TCP/UDP control. It supports DC12–48V wide voltage or PoE power supply, built-in RTC clock, multi-language fonts and timed control functions, ideal for intelligent conference and building control systems.

Suitable for applications including:

- ✓ Intelligent Conference Rooms
- ✓ Multi-function Halls
- ✓ Hotel Meeting Facilities
- ✓ Auditoriums & Lecture Halls
- ✓ Smart Office Buildings
- ✓ Museum Exhibition Halls
- ✓ Campus Multimedia Classrooms
- ✓ Command & Monitoring Rooms



Key Features

1. 10-inch 65K True Color IPS capacitive touch screen, 1280*800 resolution, supports customized UI via dedicated touch panel design software
2. Embedded real-time operating system, fast boot within 3 seconds with smooth visual experience
3. 800MHz 32-bit dual-core processor equipped with 1GB memory for stable operation
4. Supports drag-and-drop widget editing, offline simulation and project downloading via USB
5. Real-time bidirectional device status feedback to monitor power and running state of controlled equipment
6. Multiple power options: wide DC 12–48V power input and PoE power supply
7. Built-in abundant interfaces: 2×RS232, 1×RS485, 4×IR emission ports, 2×IO terminals and Ethernet port
8. Supports TCP/UDP network communication for simultaneous control of multiple network devices
9. Open Lua scripting function, supports private protocol conversion without additional MCU
10. Rich built-in widgets, pop-up message windows and multi-style control components
11. Comes with RTC real-time clock, timed control and timed standby functions
12. Supports password login protection to improve system security
13. Adjustable screen brightness, virtual multi-language keyboard and common image format decoding
14. Supports page jump, sub-page containers and widget show/hide control
15. Built-in multi-size Chinese & English fonts for flexible interface layout

Technical specifications

Model	VZ-DC110
Screen Parameter	10-inch IPS Capacitive Touch Screen, 65K True Color, 1280*800 Resolution
Processor	800MHz 32-bit High-speed Dual-core
Memory	1GB Resource Memory
RS232 Control Interfaces	2 Channels
RS485 Control Interface	1 Channel
IR Emission Interfaces	4 Channels
IO Control Interfaces	2 Channels
Network Function	Ethernet, Supports TCP/UDP Multi-device Control
Power Supply	DC 12-48V Wide Voltage / PoE
Programming Support	Lua Scripting, Private Protocol Conversion
RTC Module	Built-in Real-time Clock
Product Dimensions (L×W×H)	259.2 × 176.8 × 12.5 mm