

Ultrasonic Central Controller

Specification

Model: TD-FB-404



Basic Information.

The central controller is the core of the whole system. It is the collection and control center of the entire intelligent parking space guidance system. Through the update of the real-time data of the parking space guidance screen, the guiding function of the vehicle is realized. A central controller can control up to 62 node controllers.

Features.

- ✧ The central controller communicates with the host computer using Ethernet communication.
- ✧ The central controller adopts the internationally advanced 32-bit ARM processor, which is designed by the whole industry to ensure the stability and reliability of the products. The entire system controller can be upgraded remotely to meet the needs of users at all times.
- ✧ Adopt CAN bus industrial grade communication interface design, signal communication is stable and reliable, and the transmission distance can reach 1.2 kilometers.
- ✧ The overall industrial design, after strict static, lightning and surge, group pulse and other tests, effectively ensure the reliable use of equipment.
- ✧ The equipment has short-circuited, reverse connection and misconnection protection design to prevent electrical damage to related equipment caused by short circuit, reverse connection and misconnection caused by wiring errors during construction.
- ✧ The power supply adopts industrial grade design and has short circuit, overload and over voltage protection.
- ✧ The communication bus adopts advanced anti-collision, fault-tolerant and troubleshooting algorithms to ensure the stability and reliability of communication;

- ✧ Ethernet and CAN bus hybrid combination communication increases system capacity, communication is safe and reliable, and communication chips are protected and isolated by industrial grade.
- ✧ Automatically scan the terminal devices such as detectors and displays, and have automatic alarm function prompts for equipment failures.
- ✧ The largest management partition is 256 (supports 256 association methods).
- ✧ The partition information is not affected by the physical location of the detector and display installation, and can be associated with any detector and display screen of the company.
- ✧ After the related information is downloaded, the associated information is automatically saved and run independently from the computer.

Technical parameters

Product number:	TD-PB-404	Operating Voltage:	AC 110~240V
Operating temperature:	-20 ~ +65°C	Power consumption:	≤3W
Standard sizes:	350×300×150mm	net weight	6KGS
Communication method:	1 way CAN @ 20kbps 1 way 10/100BaseT Ethernet	Communication distance:	CAN: ≤1000m (RVSP 0.75*2) Ethernet: 100m (5e network cable)
Node capacity:	62	Housing material:	Gray cold steel (painted)

Central controller installation

The central controller is usually mounted on a column or wall. It is recommended to install a height of 2 meters or more.

Pictures for Reference.

