



TECHNICAL PARAMETERS

Name	(Node) Video Boot Manager
Model No.	JS - SK02 JS - K02
Dimensions	350*300*150mm (L*W*H)
Output Voltage	Independent
Power Supply	24V, PoE 48V
Number of Network Ports	8
Maximum number of Daisy-Chain Circuits :	7
Operating Temperature	-20 ~ +65°C
Communication Method	TCP/IP 1 way CAN @ 20kbps 1 way 10/100BaseT Ethernet
Communication Distance	CAN: ≤1000m (RVSP 0.75*2) Ethernet: 100m (5e Network Cable)



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Node Capacity	62
Operating Voltage	AC 110~240V
Power Consumption	≤3W
Net Weight	6 Kg
Housing Material	Gray Cold Steel Paint

JS - SK02

JS - K02

- 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.
- 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-circuit, 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.

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.



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