

# ParkSen® Zone Controller



**Decentralized Designed | Dual Interface | Bypass | 64 Devices | Auto -Fault Isolation | 100W Power**

PSC-064 Zone Controller is next-generation architecture. The decentralized design gets rid of the shackles of the central controller. The Zone controller provides RS-485 and LAN dual interface; from the perspective of equipment construction, the cost of the new structure can reduce by about 25% compared with the existing PGS ultrasonic testing system. Thanks to the integration of auto-detection, online setting, and fault isolation, this design is beneficial to reduce system failure rate and maintenance costs. The ParkGuide® Ultrasonic parking guidance system facilities require at least one PSC-064 Zone control unit to connect 64pcs PS-200A ultrasonic detectors. The Zone controller collects the status of all detectors (such as parking space, connections, lights health, etc.) and forwards it to the ParkHelper® parking space management server in real-time.

## Key Features

### Decentralized Design



The next-generation architecture has a highly integrated and optimized architecture containing all logic control, firmware, and hardware. The unique decentralized design removes the shackles of the central controller, effectively reducing failure rate and maintenance cost.

### Remote Setup



Thanks to the integration of auto-detection, online setting, and fault isolation, this design is beneficial to reduce system failure rate and daily maintenance costs.

### Dual Interfaces



Offers RS-485 and LAN dual interface; from the perspective of equipment construction, the cost of the new structure can reduce by about 25% compared with the existing PGS ultrasonic system.

### Connections

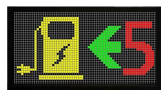


Each PSC-064 Zone controller can connect 64pcs PS-200A ultrasonic detectors to collect the status of all detectors (such as parking space, connections, lights health, etc.) and forwards it to the ParkHelper® parking space management server in real-time.

## Related Products



ParkHelper® PGS Server

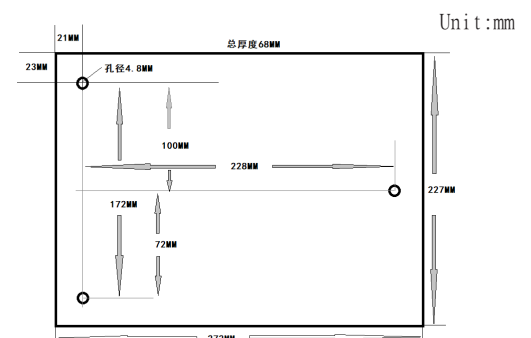


ParkDis® Parking Space Guidance Display



ParkSen® Zone Controller

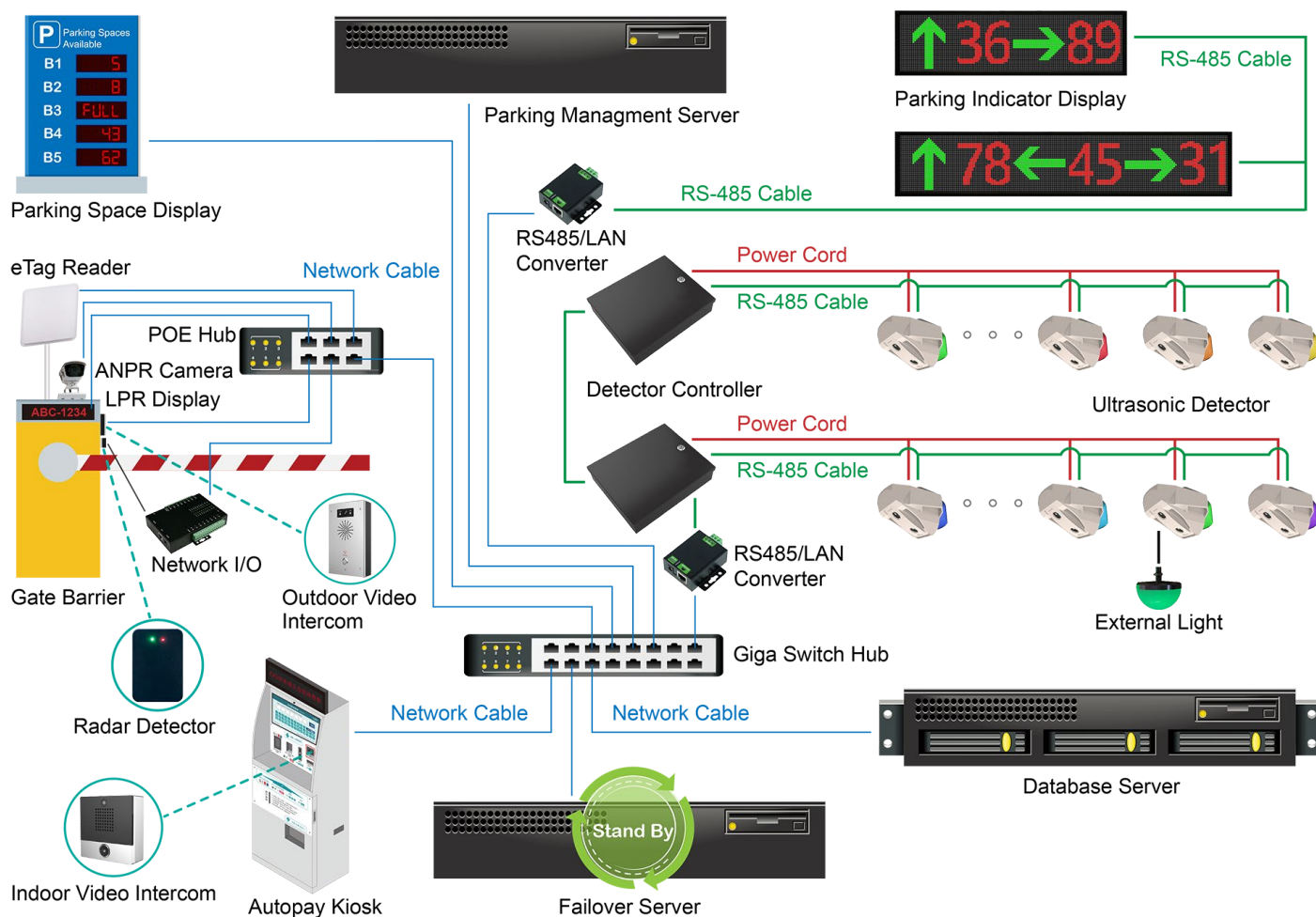
## Dimensions



## Specification

<b>Control</b>	Control the parking space status, device operation, light health, light signal setting, and automatic isolation of equipment failures.	<b>Number of installations</b>	No number of the Zone controllers connected limitation via LAN.
<b>Connection</b>	Connect 64 PCs PS-200A ultrasonic detectors at a time	<b>Chassis</b>	
<b>Empty Parking Space Information</b>	Send zone or floor parking space information to the ParkHelp PGS server through the LAN network to show it on the LED display after the statistics.	<b>Housing</b>	All-metal anti-interference design
<b>Communication Interface</b>	Half-duplex RS485   4800 BPS LAN RJ45 100-Base-T	<b>Dimensions</b>	232mm (W) x 272mm (L) x 65mm (H)
<b>Transmission Distance</b>	≤1200 meters (RS-485)   100 meters (LAN)	<b>Weight</b>	1.85 Kg
		<b>Operation</b>	
		<b>Consumption</b>	Maximum 0.5W   DC9V~12V input
		<b>Environment</b>	Temperature: -40° C~70° C; Humidity: 10%~90% (Non-condensing)
		<b>Certification</b>	CE, FCC, RoHS, IP55

## System Configuration



## Order Information

**PSC-064** RS-485 Interface Zone Controller

**PSC-064 LAN** LAN/RS-485 Dual Interface Zone Controller



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