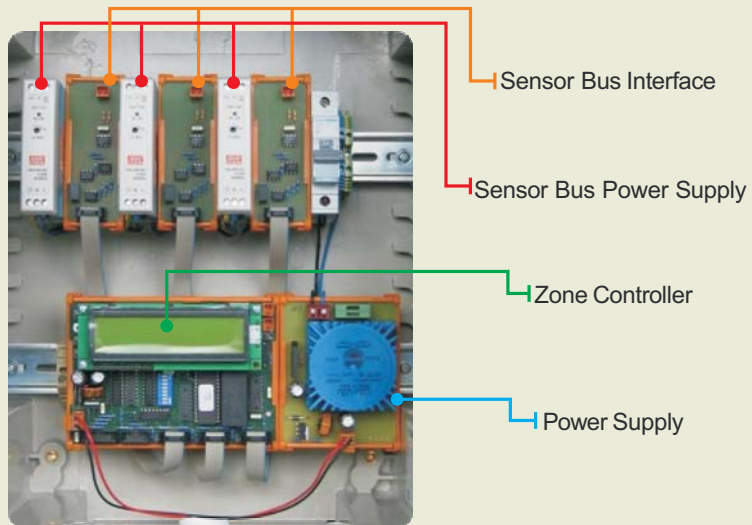




TCS Single Space Zone Controller TCS-ZK300

In a single space parking guidance system all single space sensors are connected to and managed by the Zone Controller. TCS Single Space Zone Controller ZK300 uses a three bus system allowing it to provide power to and exchange data with up to 96 single space sensors (32 single space sensors per bus interface). Large installations employ multiple zone controllers which link to a server. The zone controller operates as a data concentrator transmitting the information to the PC, from the PC to the indicator lights in the sensors, as well as to other external devices like dynamic parking guidance signs.

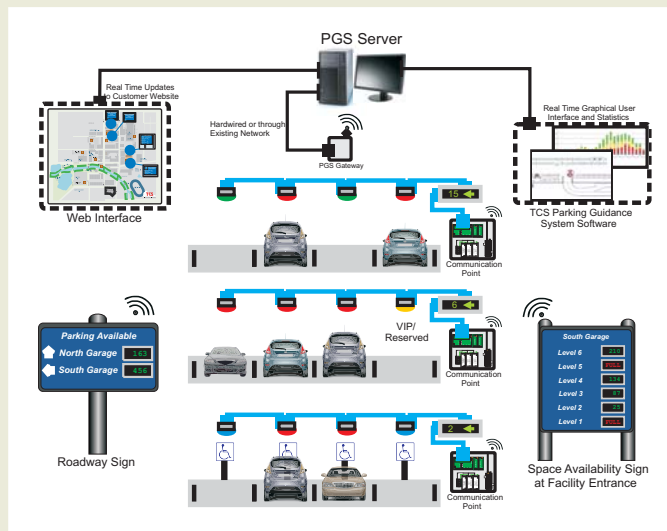


Technical data

Data: 2-wire RS485 communication
Voltage: 120VAC to power supply
12VDC from power supply

Product Highlights

- Self-sufficient processor
- Control over up to 96 sensors through 3 RS485 Bus lines
- RS485 communication interface to server, signs, or 3rd party device
- Keyboard/display panel for configuration
- Sensor status indication: free, occupied, or error
- Many operating modes: automatic, static green, static red, static optional color, green/red alternating, red flashing, lights off while still monitoring space
- Constant real-time monitoring of space occupancy regardless of operating mode



Installation

The zone controller is installed within close distance to the controlled zones. There is a display located in the lower part of the device, and 4 menu keys on the left hand side of the display on the circuit board. The power supply is located next to the zone controller. The bus interface generates the supply voltage for each sensor bus, and has a RS485 converter allowing the bus to communicate with the sensors.

