TECHMA®
TECHNOLOGY

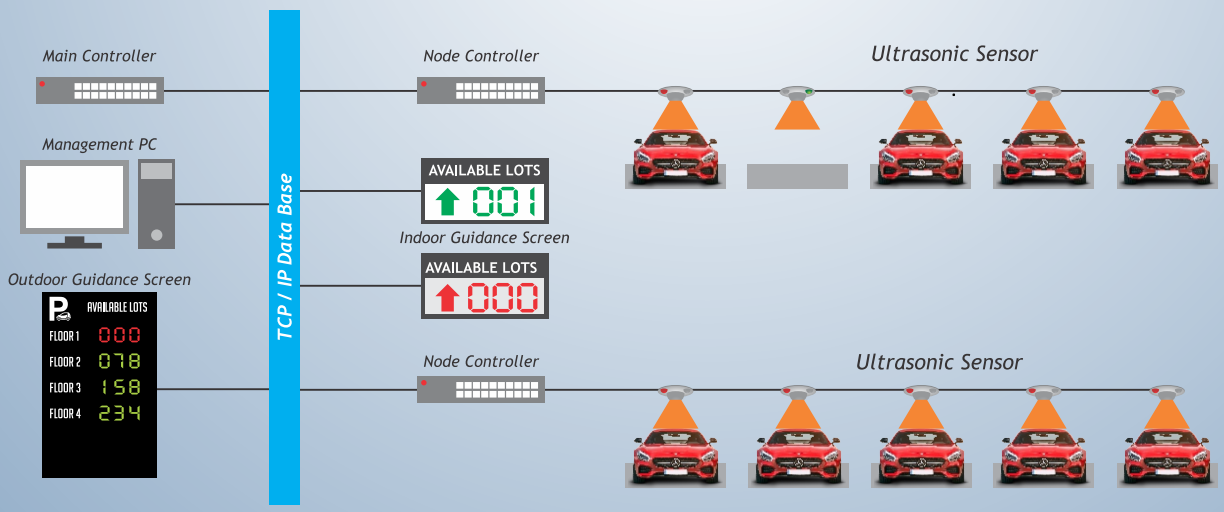
PARKING GUIDANCE SYSTEM

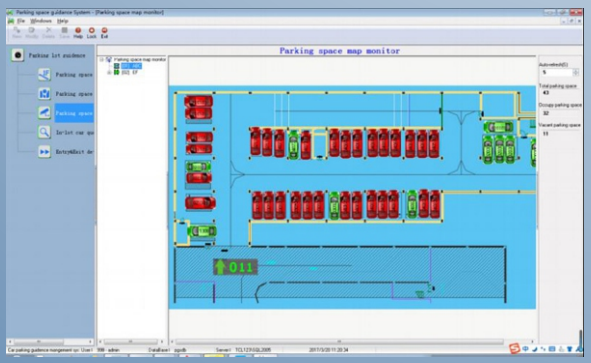
This is a solution which could helps you save money and working time

SYSTEM DISCRIPTION

Parking guidance system mainly for parking guide of the parking cars. Helps driver quickly and efficiency to find available parking space. Through the ultrasonic sensor, camera terminal to detect each parking space , collect and manage each parking space information send to management center. The software will real-time issue the available parking spaces information. Together with signal parking space occupy information and direction indicate to guide driver parking. Before leave could use car tracking system to find car location.

PGS ULTRASONIC DIAGRAM





PARKING GUIDANCE SOFTWARE

Map monitoring, the user can monitor the change in the state of each parking space and figure of the guidance screen. In-lot car query. Input or choose entry date, click "query", and inquire into the in-lot car information. Entry Exit detail query. Integrated ultrasonic parking guidance system is one of parking guidance ways with highest practical value in the intelligent parking lot industry at the present. It has been widely used and unanimously acknowledged. The integrated ultrasonic parking guidance system developed by TECHMA Technology further features advantages when compared to other manufacturers'. The new intelligent anti-interference algorithm and super low power consumption design is used for the integrated ultrasonic parking guidance system, which is equipped with new high-precision sensor, core control terminal and highly integrated indoor and outdoor guidance devices. With integrated parking system configuration, the time for the driver to parking the car is effectively shortened and puzzle about parking is solved.

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Parking Guidance System

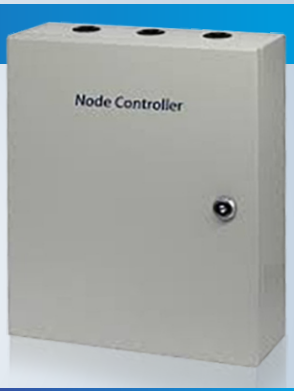
ULTRASONIC SENSOR

Communication	Rs485 (Rj45 port)
Communication way	Question and answer and half duplex mode
Series port setting	
Alarm height	More than 1m
Install height	Install on top of parking space(from ground 2.0m~3.0m)
Working temperature	-20°~65°
Power	DC 12~24V±10°
LED color	Multi colors Red & Green

NODE CONTROLLER = MAX CONNECT WITH 30 SENSORS

- Industrial-grade 32-bit ARM microprocessor and embedded real-time operating system
- TCPIP
- Intergrated 5 CH High-speed real-time Rs485 ports
- Parking space data real-time acquisition, issue function

Quantity of Connect	Max 30 Pcs
LED Guidance Screen Port	Independent TCP/IP Port, Connect with Network Switch



MAIN CONTROLLER

Max connect with **64 pcs** node controllers That's means within 1920 pcs parking spaces only needs **1 pcs** main controller.

- TCPIP
- Center part of whole system, collect all data and control
- Parking space data real-time acquistion Dissue function
- Could be connect 64pcs node controllers

INDOOR GUIDANCE SCREEN

- Indoor use
- TCPIP port
- Tempered glass panel
- Single red and green color
- Voltage : 12V
- Power : 12W
- LED module size : 250*160mm
- Housing size : 483*380*50mm (single way)
  863*380*50mm(double ways) 1245*380*50mm(three ways)

OUTDOOR GUIDANCE SCREEN

- Waterproof
- TCPIP port
- Tempered glass panel
- Single red and green color
- Availlable parking spaces display. Number size : 120*50mm(H*B)
- Housing size : 1800*700*300 (customized*)

** customized (different floors price different)*

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