PARKING GUIDANCE SYSTEM

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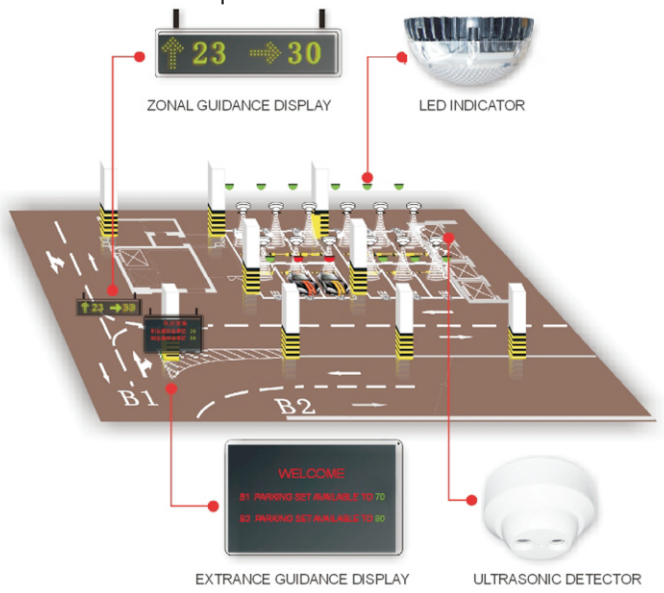
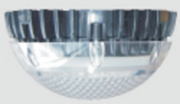
WORKING PRINCIPLE

The parking guidance system enables the car owner/driver have a visual indication of available parking space once he/she enters the car park. Ultrasonic detector installed on each space monitors real-time parking satus, and reports to host controller. Host controllers gather information from all ultrasonic detectors timely and submit to PC-based control system via data converter. PC will process all the data acquired from controllers and convey request to associated guidance displays updating number of available space.



PRODUCT SPECIFICATION

- P08 Ultrasonic Detector
  - Working Voltage: DC24V
  - Power Consumption: < 0.5 W
  - Detection Range: 0.3~4.5 M
  - Detection: Ultrasonic
  - Setup: Dipswitch
  - Control Object: LED Indicator



- L06 LED Indicator
  - Working Voltage: DC18~24V
  - Luminant: Red/Green LED
  - Red: Space Occupied
  - Green: Space Available

- G04P Ultrasonic Detector Controller
  - Working Voltage: AC220V
  - Output Voltage: DC24V
  - Communication Protocol: RS485
  - Communication Speed: 9600 bps
  - Communication Distance: ⩽400 M
  - Max Load: 32 units (ultrasonic detector)

- Zonal Guidance Display
  - Working Voltage: AC220V
  - Communication Distance: ⩽1000 M
  - Communication Speed: 9600 bps
  - Dot Matrix: 16X16
  - Digit Size: 122X122 MM
  - Weight: 12 KG

- J06 Data Converter
  - Working Voltage: AC220V
  - Upward Communication Protocol: RS232
  - Downward Communication Protocol: RS485 (two separate ports)
  - Max Load: 128 units (G04P/G04D/display)

- P500 Control Software
  - Fixed space protection
  - Packing time recording
  - Space reservation / User-controlled override
  - Automatic on site inspection
  - Real-time space status broadcast
  - Revenue management
  - Car park rotation statistics

*Specifications are subject to change without notice.

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