

Technology Fact Sheet

Technology/Product

Smart Parking Monitoring System

Year

2018

Patent Details

None

Description of technology



Design Data

- No. of Slots - Up to 100 no. of slots
- Sensor units - Ultrasonic
- Coverage Distance - 1km
- Display control - Raspberry pi
- Data transitions to Display- wireless

Benefits, to end-users

1. Save time and energy to both the client and the management.
2. Leads the driver directly and quickly to the available space.
3. Reduce the traffic inside the parks.
4. Decrease the car park management cost.
5. Users stressful situations are minimized.

Major Components

1. Ultrasonic Sensor units
2. Slot status Indicator lamps
3. Vacant slot space identification Entrance Display unit
4. Control Panel with necessary accessories for installation

Characteristics

1. Automatic slot monitoring
2. Indicate occupancy states at the entrance display unit on Graphical User Interface with location.
3. Indicate availability at each slot.
4. Wireless communication between car park and the display unit.
5. Customized system – Modifications can do according to the customer requirement.

Contact Details

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