Quercus

ARTIFICIAL INTELLIGENCE DEVELOPED BY QUERCUS

QAI ARTIFICIAL INTELLIGENCE

IMPROVED IMAGE QUALITY

IP67 PROTECTION

DAISY CHAIN

SC Indoor

Parking Guidance

LPR-based Spot Identification

Spot Video Surveillance

The sensor that can truly recognize license plates and detect occupation of six parking spaces, for any country in the world.

SC INDOOR SENSOR

- Highly reliable parking guidance system
- Detection & License Plate Recognition motorcycles
- Easy start-up & installation
- The API allows integration with any software
- Option of one light per parking space with an RGB pilot in each one of them

KEY BENEFITS

- Find your car
- Indicates availability and type of parking space
- Enables pricing by areas and spaces
- Reports & vehicle movement information
- Detection of an irregularly parked vehicle occupying two parking spaces

The sensor developed by Quercus is featured in two models:

- **SC Indoor ID**: enables guidance of vehicles to available spaces, performs video surveillance of all spaces and license plate recognition of parked vehicles.
- **SC Indoor SV**: enables guidance of vehicles to available spaces and performs video surveillance of all spaces.

Quercus has also designed models for parking facilities with **diagonal spaces**.

SMART PARKING SUITE

The information provided by the unit allows **complete control of each parking space** through the **Spot Control capability** included in the powerful **BirdWatch® Parking Suite**. SC Indoor added-value relies on the interrelation of its results with additional information provided by the other capabilities included in the Suite (Car Access, Image Review, CCTV, EVC). Complete data that leads to efficient global parking control and improved security.

TECHNICAL SPECIFICATIONS

OPERATION CONDITIONS

Max. Installation height: Up to the horizontal distance to the parking spots
Parking spaces: 3 consecutive parking spaces. Max. 6 spaces per unit.
Temperature: From -10°C to +50°C / From 14ºF to 122ºF

HOUSING

Size: 17,8 x 23,4 x 12,5 cm / 9,21 x 4,9 x 7 inches
Weight / unit: 880 g / 1,94 lb
Material of the body: ABS+PC
Color of the body: RAL 7024
Translucent cover: Polycarbonate
Packaging / Gross weight-box: Box of 6 units 6 kg / 13,227 lb

CAMERA

Sensor: 1 or 2 CMOS 8 Mpx color sensors
Lenses: Wide Angle (horizontally and vertically adjustable)
Image size: 1920 x 800 and 1280 x 720
Video features: 3.50 FPS MJPEG stream (1920 x 800 image)

LIGHTING

Empty/occupied parking spot indicator: Composed of 10 high intensity RGB LEDs
Color range: 16 million colors available

MECHANICAL FEATURES

IP rating: IP 65/67
IK rating: IK 07

COMMUNICATIONS

Between sensors: Ethernet cable cat. 5E minimum
Connection type: Daisy chain via integrated switch in the sensor
Between sensor, panels and RGB pilots: RS-485

ELECTRICAL FEATURES

Power: Nom.: +24VDC, Max: +35VDC, Min: +12.0VDC
Consumption @24VDC: Nom.: 7W (configurated unit, 2xGbps, 2xCMOS, Led Green)

*Information about product certifications can be found in the Technical Data Sheets.

www.quercus-technologies.com