

Smart Camera based Parking Sensor

iRam's Smart Camera based Parking Sensor is designed for parking spaces where ground based magnetic or overhead ultrasonic sensor based parking solution is not viable. This is especially true for parking spaces that are in open ground. The camera sensors can be installed on any pole. The sensor transmits the parking information and the video feed to the gateway. The gateway in turn forwards this information to the Central Server.

Our Camera based Parking Sensors is a special pair of cameras with vehicle detection system. Depending on the mounting height, it can monitor up to 10 parking slots for occupancy status. Apart from occupancy, these sensors can also detect illegal parking in Red Zone areas. It has IR based night vision and works even in low light conditions. The sensor's firmware can be upgraded remotely Over The Air (OTA). These sensors can be mounted on any pole on the road. They connect to the Parking Gateway wirelessly and send the occupancy status & alerts to the Central Web-Server.



Controller



Camera

CAMERA SENSOR SPECIFICATION

Parameter	Value
Model	SVP-CS0-01
Minimum Illumination	0.1 Lux
Day & Night Mode	IR filter with auto switch
Data Communication	Ethernet, GSM
No. of Parking Slots Detection	Up to 10
Weather Protection	IP65
Power Supply	230V AC 50 Hz
Operating Temperature	0°C to 70°C
Operating Humidity	15% to 90% RH (non-condensing)