NSR Full Parking Solution

The NSR Urban Parking Solution allows authorities and drivers to identify open parking spaces and track parking patterns.

Parking Node

The parking node is a cost-effective, outdoor/indoor, wireless, battery powered parking sensor.

User friendly and easy to deploy, the node links sibling nodes and communicates the parking space occupancy to a remote server

General Features

- **Life Duration**: app. 5 years battery life
- **Operating Temp**.: -40ºC to +85ºC
- **Primary Sensing** Magnetic, Radar
- **Colors**: Concrete Gray

Mechanical Features

- **Width** 113mm, Length 133mm, Height 29mm
- **Weight** 283gr
- **Enclosure**: fiber reinforced PC
- **Protection**: IP67, completely sealed
- **Resistance**: Heavy Vehicles
- **Fixation**: Glued or Screwed
- **Replacement**: Extract cover from screwed base

Communication

- **Frequency Band**: 2.4Ghz (ISM Unlicensed band)
- **Nominal Output Power**: +5dBm

Parking Gateway

The parking gateway is a pole-mounted outdoor/ indoor unit that wirelessly communicates with a parking sensor network and transmits the collected data information to a remote server.
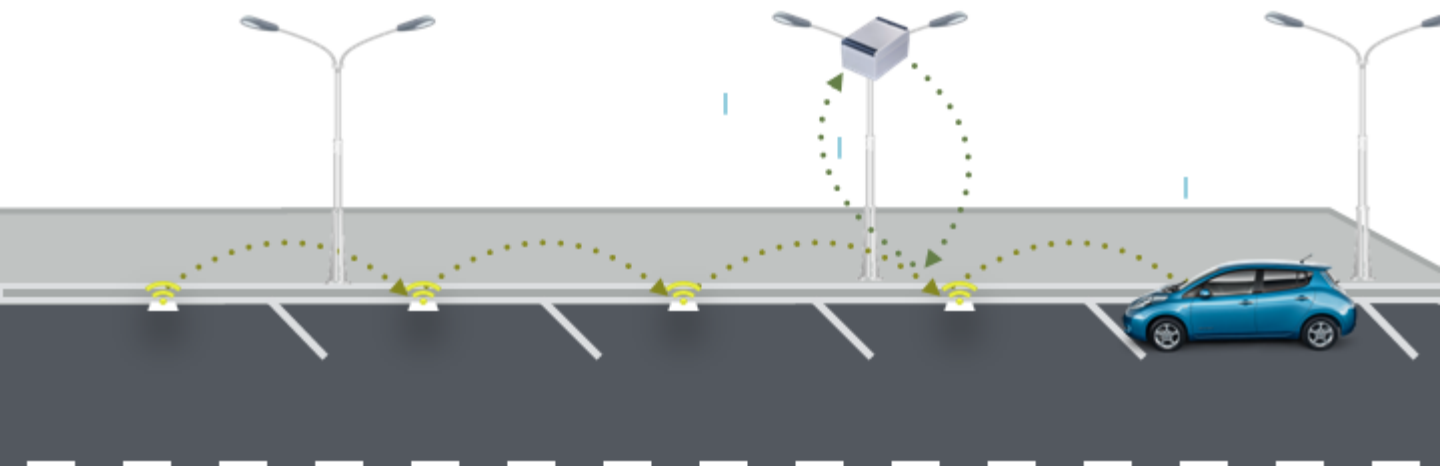
General Features

- **Power Source**: USB micro A connector
- **Maximum Power**: 120mW
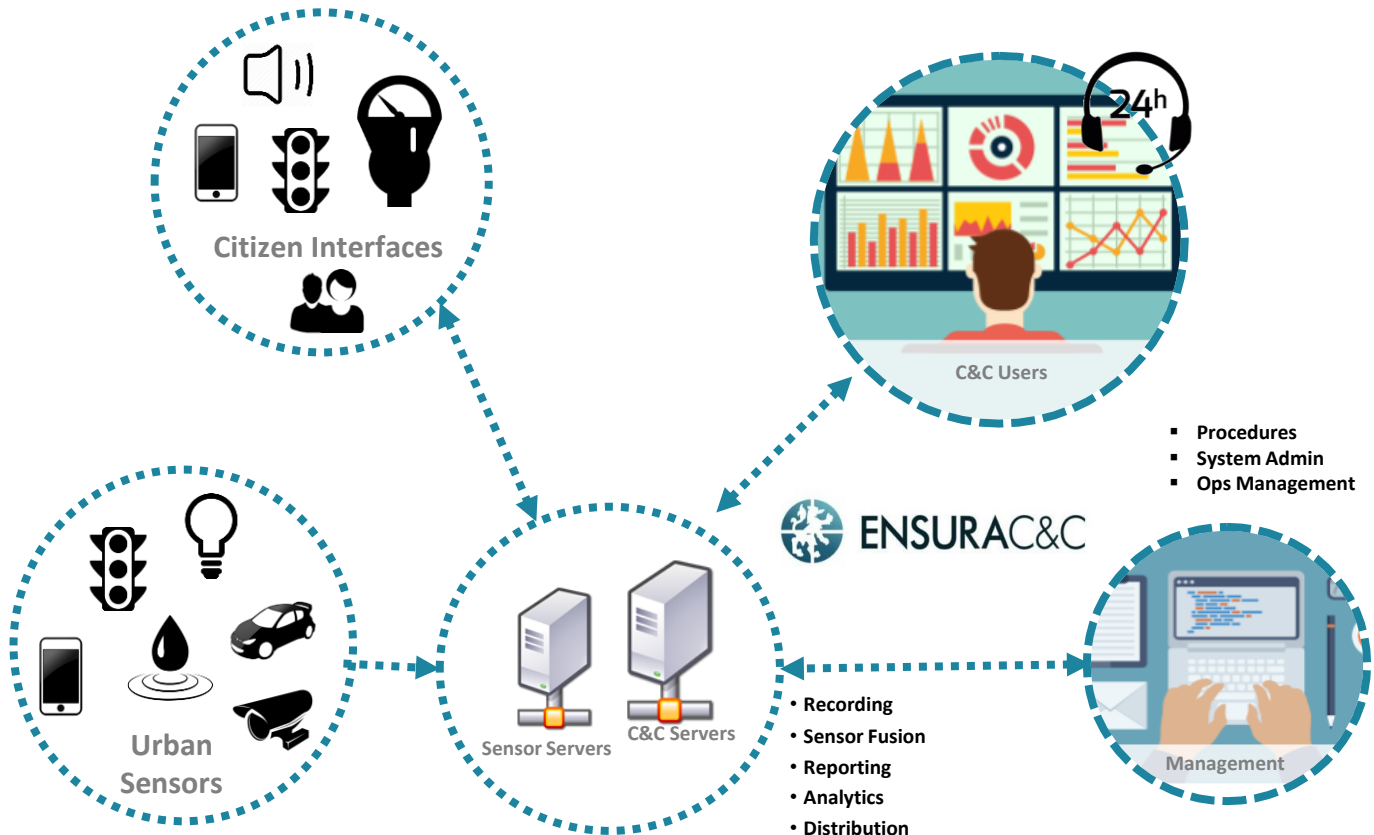- **Operating Temp.:** -20ºC to +70ºC

Mechanical Features

- **Width** 90mm, Length 130mm, Height 70mm
- **Enclosure**: Thermoplastic
- **Protection**: IP67, completely sealed
- **Color**: Grey
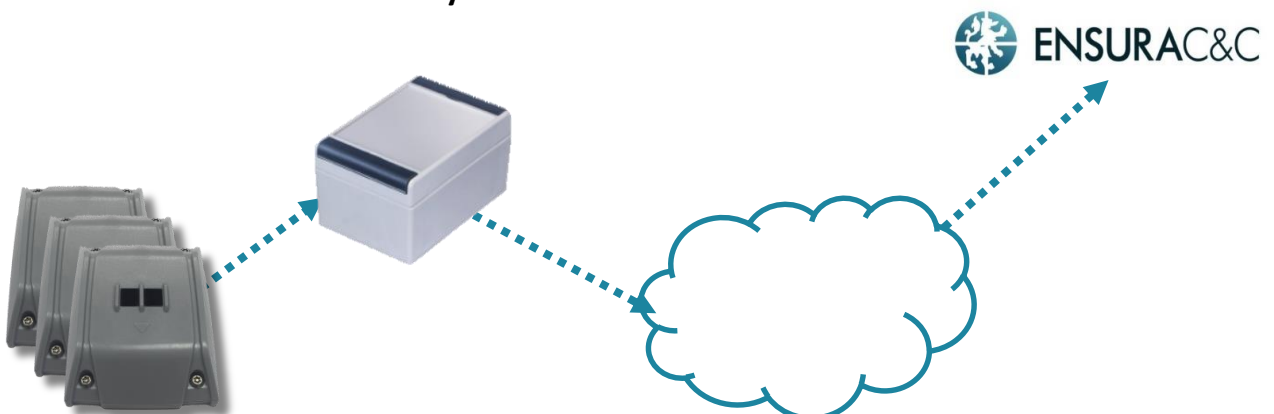- **Fixation**: Pole mounting attachment

Communication

- **Wifi**: 802.11 a/b/g/n
- **Bluetooth**: Bluetooth 4.0
- **USB**: Ethernet over USB
- **Software Upgrade / Configuration**: USB

Solution Architecture

Citizen Interfaces

Urban Sensors

Sensor Servers   **C&C Servers**

ENSURAC&C

C&C Users

24h

- Procedures
- System Admin
- Ops Management

- Recording
- Sensor Fusion
- Reporting
- Analytics
- Distribution

Management

- **Up to 1000 hops between sensor and gateway**
- **Intel based Gateway solution**

ENSURAC&C

Our Vision

NSR is a global provider of sophisticated, challenge-focused Security programs, and one of the only companies focused exclusively on services for HLS and Defense integrators and 3rd party providers.

We understand the growing and changing threat-scape, as well as the limitation of the human resources involved in the security solution – and strive to support operators and decision makers through innovative, highly automated, smart HLS solutions.

We know that a security solution is something that the end user has to live with every day, be they government agencies, military assets, or public installations - and we commit to delivering solutions that can and will become an integral and invisible part of the resources we wish to protect.

Our Approach

NSR utilizes a wide variety of proprietary and COTS products and solutions, drawing on proven skills to design and integrate complex solution in multiple environments.

From CCTVs, through biometrics, to tactical UAVs and spectral imaging tools, we are uncommitted to any specific technology, approach or provider. We cast our net far and wide to utilize the most relevant technologies from inside and outside the industry, responding to the specific operational, budgetary, social, and public perception needs of your customers.

Contact Us

Please visit us online at **www.nsrhld.com**, or contact us for more information at **info@nsrhld.com**