

COMSEN METERING SYSTEM FOR PARKS



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COMSEN SYSTEM

- COMSEN solution is a wireless network that provides you full control.
- The Management software is compatible with Android, Apple and Windows.
- System Control is simply through the Internet.
- Remote Activation/Deactivation of Water/Electric Supplies
- With a COMSEN server in the office and COMSEN controllers in the service poles, pole management is at the click of a mouse.
- Control software is embedded into the COMSEN Server.
- Every COMSEN unit is designed to handle 4 supplies, water or electricity, and a pole light.
- Pole light can be set to solar, timed or manual. Turn the light on and off to help guide your customers to the allocated space.
- Consumer power and water usage can be displayed at any time.
- Power loss at the pole or site is immediately reported back to the park management software.
- COMSEN controllers have battery backup to maintain communications with the office server.
- COMSEN control units are in standard 6 module rail DIN format.
- The electrical connections are plug and play to support the easiest maintenance and replacement.
- No ongoing communication costs.
- No mobile phone SIM cards required.
- No telecommunication contracts.
- Minimum maintenance.
- General maintenance can be carried out by local electrician.
- Technical support via phone and/or internet.

FUNCTIONALITY SCOPE

COMSEN LITE

- Water and electricity Smart metering
- Led light management
- Overload management
- Power supply alarm management
- Electrical protection fault and trigger management

COMSEN PLUS

- Water and electricity Smart metering
- Led light management
- Power supply alarm management
- Electrical protection fault and trigger management
- Remote Supplies activation/deactivation
- Centralised prepayment
- Energy saving operation mode

COMSEN METERING SYSTEM FOR PARKS

Base System

COMSEN SERVER

- **Centralized information:** The COMSEN Server centralizes all the information monitored by the COMSEN units inside the Power Pedestals.
- **Data Back up :** A 5 year data backup is maintained for every litre and watt consumed
- **Internet access:** The server is usually installed in the main Park facilities where Internet connection is available (typically RJ45), enabling a web based administration without additional infrastructure. Security concerns are implemented as necessary to provide privileges according to the level of administration.



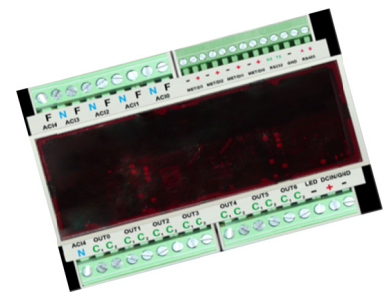
COMSEN GATEWAY

- This device is plugged to the Server to provide connection to the wireless network
- The COMSEN GATEWAY plugged through a standard USB port to a laptop provides connection to any COMSEN unit within its signal range. The Park personnel will use COMSEN CONFIG application to configure COMSEN units assigning them a physical location.



COMSEN CONTROLLER

- The COMSEN controller is the unit installed in the pole to control the available services.
- Each unit has wireless communications unit and is assigned a unique station identification number.
- The COMSEN controller can monitor four metering devices, pole and site power and control five device switches.
- Device information and configuration is maintained and updated from the COMSEN Server.
- The controller has an internal battery to maintain communications with the server if the pole supply is interrupted.



COMSEN METERING SYSTEM FOR PARKS

ACCESSORIES.

COMSEN REP

- A signal repeater providing signal coverage where there are no COMSEN units



COMSEN LOC

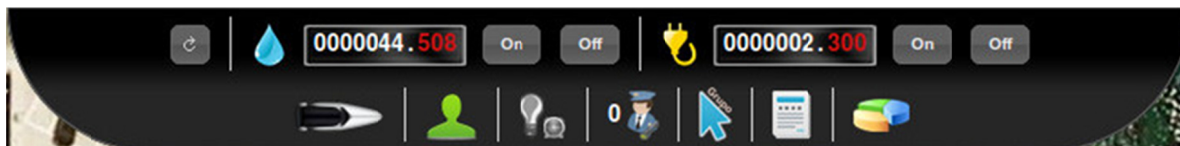
- Installed inside the caravan or RV provides presence information about the caravan.



COMSEN METERING SYSTEM FOR PARKS

SOFTWARE INTERFACES

COMSEN CONTROL PARK SUPPLIES MANAGEMENT APPLICATION.



Software management system

- Water and electricity metering
- Activation/Deactivation of supplies
- Prepayment
- Led light control
- Alarm management
- Reports & statistics

COMSEN control is supplied together with the COMSEN Server. The embedded software interface is customized for the Park Brand during the installation.

COMSEN ASSIGNER. INSTALLATION AND DEPLOYMENT APPLICATION

COMSEN Controller units are configured according to the power pedestal. Power and water control and metering requirements. I.e. 2 water readings and 2 electrical reading, 3 electricity readings and 1 water reading, etc.

COMSEN CONFIG. SYSTEM CONFIGURATION APPLICATION

Setting COMSEN unit's counter values after installation or replacement, and assigning a site location device to a specific site.

COMSEN SITE. END USER SMARTPHONE APPLICATIONS

End users (site, van, cabin occupier etc.) can personally manage their own supplies through an internet web browser, from their pc, phone or tablet.

API WEBSERVICE

The webservice API provides integration for third party applications making information readily available through their own software interface. The webservice API is licensed under restricted access to provide software development to address further Park management requirements.

SALES TEAM

We welcome the opportunity to quote for your park.

All that is required is a 15 minute information briefing session over the phone, and we will be able to advise a project estimate and delivery timeframe.

Book your call with us today.

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