

OceanView 100

Display device for EnOcean radio telegrams



```
000029d9 09000000
HL Or St Ck Lv
0b 06 00 Ok 24
3/ 3 A 17:39:49
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0010b8e5 d0000000
HL Or St Ck Lv
0b 05 20 Ok 43
3/ 3 A 17:41:09
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```
0010b8e5 f0000000
HL Or St Ck Lv
0b 05 20 Ok 85
3/ 3 A 17:41:25
```

OceanView™ from IPcontrols is a new, portable smart terminal for easy set up and analysis of EnOcean equipment in the field. Data from radio telegrams received from EnOcean modules are shown in the hand-held device on a large, clear display. An audio signal alerts operators when radio telegrams are received. In addition to its value as a real time, hand-held analysis tool, **OceanView** can also route data continuously to a PC or act as a data logger using its internal memory.

A signal strength indicator helps operators and installers check and optimize the locations for repeaters and sensing modules. It also provides an indication of how secure and reliable the transmission path will be. For precision field strength measurements, a detachable antenna with a 3 meter cable allows positioning of the antenna in exactly the same location as EnOcean

devices being tested. The **OceanView** antenna is connected with a standard FME male connector so other types of antennas can be used if preferred.

An on-board SD memory card offers an easy and versatile way to log received data for transfer to PCs, PDAs, or other devices. If it is desired to connect **OceanView** to computing equipment for real time transfer of data, an Ethernet network connector (RJ45) is provided. It will transfer radio telegrams from EnOcean modules directly to any computer/server using the Syslog format which is widely supported by processing applications, including many that are available as freeware.

To help organize data received, **OceanView** provides an automatic time and day stamp, allowing all transferred and/or stored data to be viewed and analyzed in chronological order.

Features

- Displays all relevant data of an EnOcean radio telegram
- Indication of signal strength
- Intuitive user interface including keyboard
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- Storing of last 3 radio telegrams in the display memory
- Storing of all recorded radio telegrams on removable SD-card
- Continuous output of radio telegram data available at Ethernet LAN adapter
- Automatic date/time stamp of data
- Continuous analysis of all radio telegrams received on a local PC by using the serial interface (special cable needed which is provided upon demand)
- Audio signal prompt when any radio telegram is received
- Rugged handheld housing
- Power by internal battery or AC adaptor

Technical Data

Display

- 4 line, 20 characters per line, LCD display, monochrome, backlight

Power

- Built-in rechargeable battery, 115/230 Volt AC adaptor

Connections

- RJ45 connector 1 (Ethernet/LAN (10/100 MBit/s))
- RJ45 connector 2 (serial PC interface, optional cable required))
- Barrel connector for mains adaptor
- FME male connector for external antenna
- SD-card slot for 2GB card

Physical

- Approx. W:92 x H:175 x D:32 mm
- Approx. 350 g

Temperature range

- Operating temperature: +5 to +40°C
- Storage temperature: 0 to +60°C
- Humidity: 0 – 80%, not condensing

Certification

- CE
- EN 55022, EN 55024

Technical data are subject to change.