

## Standard Wireless Repeater

### APPLICATIONS

Relays wireless signal from end-point modules to increase transmission distance.

Automatically relays any Cobalt module to the receiver.

### WIRELESS

Range up to 700 meters (2,300 ft) in open space, from 25 meters (82 ft) to 100 meters (330 ft) indoors, and up to 400 meters (1,312 ft) indoors with 3 repeaters.

### KEY FEATURE

Acts as a relay for an unlimited number of Cobalt end-points.

### FIND OUT MORE

Get more information on any of our products or services by visiting our Web site:

[www.oceasoft.com](http://www.oceasoft.com)



- **Power supply:** 100 - 240 V AC 50/60 Hz to 5V DC 1 Amp. 4 different international plugs
- **Wireless module mount:** via special wall mounting bracket / screw
- **ISM (Industrial Scientific Medical) band with 3 frequencies:** US/CAN 915 MHz, Europe 868 MHz, APAC 434 MHz
- **External antenna:** for optimal signal strength

### A cost-effective solution for monitoring various parameters wirelessly

Cobalt is the industry's leading battery powered remote temperature monitoring solution. Cobalt is an end-to-end wireless solution for remote temperature and sensor monitoring.

The Cobalt 2 system is easy to install and easy to use. Since it is wireless, no cabling is required. It lets you accurately measure various parameters remotely in real-time.

This wireless repeater module is designed to be installed on the wall at ambient temperature (0°C to +50°C).



- FCC 15 compliant: CE EN-300-220
- Channel width: 50 kHz
- Frequency deflection: 16 KHz
- Transmission speed: 9600 Baud in NRZ mode
- Modulation type: GFSK
- Driven receiver sensitivity for BER= 1%: from -107dbm to -110 dbm
- Driven transmission: from 8 dbm to 10 dbm
- Power output: 25 mW

Plastic enclosure: ABS and Polycarbonate

Temperature range for exposure of the module (functioning of the electronics of the wireless module): 0°C to 50°C (32° to 122°F). 0 to 90% RH non-condensing.

Protection index: IP65.

Size: 190 x 52 x 30 mm (7.5 x 2 x 1.2 in.)  
Weight: 165 g (5.8 oz.)

### OCEASOFT

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More than monitoring