OCEABridge®

Fast, automatic collection of multiple temperature sensor readings

Simplifying Mobile Monitoring

The OCEABridge® wireless gateway gives you a fast and easy way to collect readings stored by the S-400 and M-Series temperature sensors when monitoring temperature-sensitive products, whether it be for fixed locations or for shipping. OCEABridge enhances the performance of these Bluetooth® Smart-enabled temperature sensors at your sites by reading data automatically and in real time when within range.

Featuring Bluetooth® Smart technology, the OCEABridge gateway collects readings from multiple temperature sensors in just a few seconds. This makes it significantly easier to handle numerous fixed installations as well as high-volume shipments of temperature sensitive and perishable goods.

Integrating seamlessly into your Ethernet or Wi-Fi network infrastructure, the OCEABridge gateway transmits collected readings immediately to the EDGECloud®, where it generates email alerts if any excursion occurs and all data is accessible using the EDGEVue® web application.

If your facility is not equipped with a network, the 3G/4G cellular data option enables your OCEABridge gateway to operate autonomously for a worry-free and easy-to-install fully wireless solution.

- **Efficient:** automatic collection and uploading of datalogger readings
- **Simple:** easy installation requiring only a power source and internet connection
- **Cost-effective:** saves time and reduces operating costs by eliminating manual handling
- **Connected:** latest-generation Bluetooth® Smart, Wi-Fi, 3G/4G, and cloud technologies

General Features

Connectivity
- Module connectivity with Bluetooth® Low Energy 4.0 for power savings and secure data exchange
- Network/Cloud connectivity via Ethernet, Wi-Fi or cellular
- Automatic detection of dataloggers within Bluetooth range

Data Management
- Automatic data collection from EDGE modules and transmission to EDGECloud™ (unlimited storage); internal memory for up to 40,000 module missions readings
- Easy setup requiring only a power source and internet connection
- Ability to whitelist-filter managed modules

LED Indicators
- External LEDs show gateway status: off blinking green or solid green
- Power Status: on-off
- System starting up or running
- RJ45 plugged in
- Cloud connection in progress
- WLAN - internet connection in progress or established

Technical Details

System
- CPU: AR9331, DDR RAM: 64 MB Flash: 16 MB
- Bluetooth® Smart USB dongle, line-of-sight range of about 30 to 98 feet (10 to 30 meters)
- Ability to remotely update firmware

Network
- 2 x RJ45 connectors (for configuration and network access)
- Integrated Wi-Fi module: single-band 2.4 GHz IEEE 802.11 b/g/n with WEP and WPA security
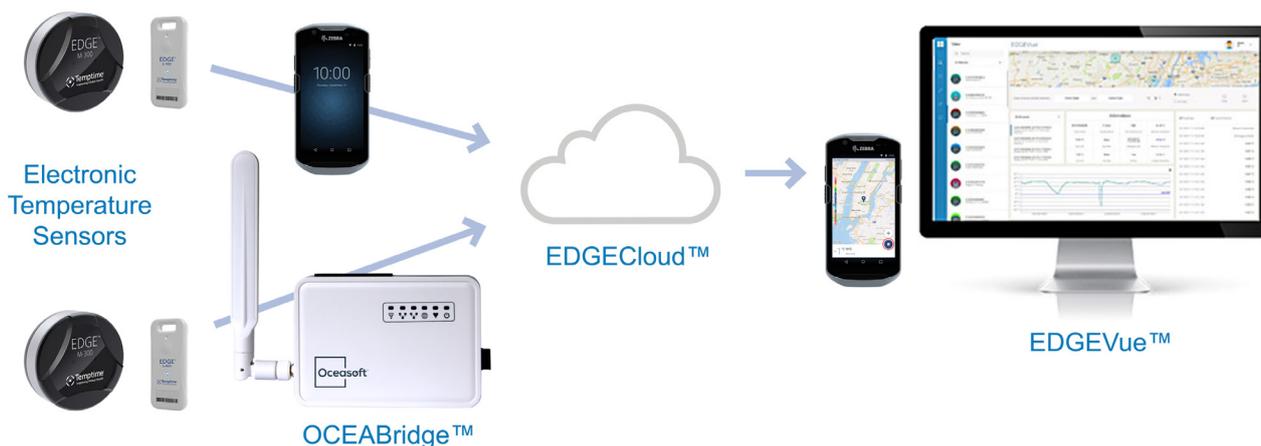- Optional 3G/4G cellular data modem (antenna included)

Dimensions
- 4.7 x 3.3 x 1.2 in. (12 x 8.5 x 3 cm)
- Weight: 7 oz. (150 grams)

Environmental
- ABS casing
- Wall mount, screw attachment
- IP40 rated
- Operating range: 32°F to 122°F (0° to 50°C) 0 to 90% relative humidity (non-condensing)

Power Supply
- Universal external power supply, 110-240V AC/9-12VDC
- Max. output current 2.5A

Electronic Temperature Sensors

OCEABridge™

EDGECloud™

EDGEVue™

Tap into the future of temperature monitoring at **www.zebra.com/electronictempsensor**