

EDGEBridge™

Fast, automatic collection of multiple datalogger readings

Simplifying Mobile Monitoring

The EDGEBridge™ wireless gateway gives you a fast and easy way to collect readings stored by the Temptime EDGE S-Series and M-Series dataloggers when monitoring sensitive products, whether it be for fixed locations or for shipping. EDGEBridge enhances the performance of these Bluetooth® Smart enabled dataloggers at your sites by reading data automatically.

Featuring Bluetooth® Smart technology, the EDGEBridge collects readings from multiple dataloggers 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, EDGEBridge transmits collected readings immediately to the EDGECloud™, where they are accessible using the EDGEVue™ web application.

If your facility is not equipped with a network, optional 3G+ cellular connectivity enables your EDGEBridge receiver to operate autonomously for a worry-free and easy-to-install solution.

EDGEBridge includes a free mobile application, called EDGESet™, for iOS and Android devices to configure your EDGEBridge receiver and start collecting your readings wirelessly right away.



Efficient: automatic collection and uploading of datalogger readings

Simple: easy installation and setup using free EDGESet™ mobile application

Cost-effective: saves time and reduces operating costs by eliminating manual handling

Connected: latest-generation Bluetooth®, Wi-Fi, 3G+, and Cloud technologies

Temperature Intelligence™

EDGEBridge™

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

Data management

- Automatic data transmission to EDGECloud™ (unlimited storage) Internal memory for up to 40,000 module missions readings
- Easy setup with free EDGESet™ mobile application for iOS and Android

Power Supply

- Universal external power supply, 110-240V AC / 5V adapter
- Max. output current 2.5A
- Micro USB plug (1.5 m cable)

Technical Details

System

- Microprocessor: Broadcom BCM2837 SoC with 1.2 GHz 64-bit quad-core ARMv8 Cortex-A53 processor, 1 GB RAM (900 MHz LPDDR)
- Bluetooth® Smart USB dongle, line-of-sight range of about 30 to 98 feet (10 to 30 meters)

Network

- Ethernet 10/100 Base-T (RJ-45) connector
- Internal Wi-Fi module: single-band 2.4 GHz IEEE 802.11 b/g/n with WEP and WPA security
- External cellular data dongle: standard SIM card (2FF), telecom network: EDGE, GPRS, UMTS, HSUPA, HSDPA

Dimensions

- Diameter: 5.8 in. (147 mm)
- Thickness: 1.2 in. (30 mm)
- Weight: 12 oz. (330 grams)

Environmental

- ABS casing
- IP67 rated
- Operating range:
 - 32°F to 122°F (0° to 50°C)
 - 0 to 90% relative humidity (non-condensing)

