

The friendliest gateway seamlessly conveys your monitoring data to the web and any software, system or server you choose.



The **Entronet** gathers data from the C2i nodes in your 868MHz mesh network and conveys it to a destination of your choice by Ethernet or 3G. The device can also function as a Modbus TCP/IP Master/Slave and/or RTU Master.

#### Reliable Transmission

Using an 868MHz mesh network and a protocol designed for superior penetration, low power consumption, high reliability and excellent security ensures unhindered data transfer even in industrial environments.

#### Easy to Manage

With **GATEWAY**, installed on your **Entronet**, viewing your data on the dashboards, managing the network and changing configurations, locally or over the internet, is simple.

Upgrades can be sent wirelessly to all C2i devices.

#### Simple Exporting

Exporting data via CSV, Modbus, LonWorks, BACnet, SCADA or DCS and connecting to other systems or supervisors (e.g. Honeywell, Siemens, Trend) is easy.

#### Rapid Deployment

Deploying your network is quick with the LED indicator and simple web-based setup.

#### Tough

The **Entronet**, with its robust ABS case and component potting, is very resistant to physical and chemical damage, and is well suited to harsh environments. IP67 rated.

## CONNECTIVITY

<b>Wireless Connections</b>	868MHz Mesh Network. See opposite. GSM/CDMA, GPRS/EDGE. (3G variant only)
<b>Wired Connections</b>	1x RJ45 Ethernet 2x Digital (optional) 1x RS232/485 Serial (option for 1 extra)
<b>Access to User Interface</b>	Local via Ethernet Remote (with siteCONNECT subscription)
<b>Firmware Upgrades</b>	Transmitted over-the-air.

## POWER

**24V PSU** 9 - 32VDC

**5V USB Power Adaptor** 5VDC

## PHYSICAL

**Dimensions (H x W x D)** 235.00 x 154.06 x 73.22 mm

**Weight** 1.1kg

**Enclosure Material** Acrylonitrile Butadiene Styrene (ABS)

**Enclosure Rating** IP67

**Operating Temperature** -20°C to +60°C  
(-4°F to +140°F)

**Thermal Ignition Resistance** HB @ 1.5mm

## MESH NETWORK

**Operating Frequency** 868MHz

**Communications Range** Up to 1000m Line-of-Sight

**Channel Spacing** 12.5kHz /25kHz

**Receiver Sensitivity** -115dB/m

**Maximum Link Budget** 135dB/m

**Functionality** Bi-directional

**Data Rate** 2400 Baud

**Transmit Power** +20dB/m (100mW)

