

## FEATURES:

- Integrates with HUB to log, display, control, and trend data from Wireless Gauge Readers, Wireless Transducer Readers and Wireless Steam Trap Monitors.
- Windows 10 Pro Operating System
- Built-in web pages for direct access to data and trending
- Each GBC supports 100 devices in typical installation\*
- Used with LoRa wireless devices from Cypress EnviroSystems
- Available OPC and RESTful API connectivity for integration with existing automation systems
- Alarm notifications via emails
- Stores up to one month of historical data
- Easy to mount on wall
- Fanless low-power design
- Supports dual 10 / 100/ 1000 Mbps Ethernet ports
- ROHS Compliant



**Network and Data Controller for Cypress EnviroSystems wireless sensor networks. Use to make data available to existing automation systems, or use standalone with the Web interface.**

The Green Box Controller (GBC) is a flexible communications gateway that logs data from the Cypress EnviroSystems wireless sensor network and provides it to users and automation systems through a variety of interfaces.

For users with existing automation systems and operator workstations, it provides data over OPC, BACnet/IP or RESTful API for seamless integration and transparent co-existence with plant management systems.

For users which do not need to connect to existing infrastructure, the Green Box Controller can also provide data directly to users via a standalone web interface accessible via a web browser from any computer. Alarm notification may be sent to any email address, which may be routed to any cell phone via text message.

\*The design maximum is 225 devices per GBC, but most site layouts impose a practical limit of about 100 devices per GBC.

## KEY PRODUCT SPECIFICATIONS:

<b>User Interface:</b>	Built-in web pages for easy web browser access to control, data and trending
<b>Available Data Protocols:</b>	OPC DA, RESTful API
<b>Mobile Access:</b>	Alarm notification via email or text message
<b>Approvals:</b>	ROHS compliant; certified by US Federal GSA for use on US Gov't networks
<b>Power Supply:</b>	Input: 90-264VAC, 36W; Output: DC 12V @ 3A
<b>Humidity:</b>	10% - 90%, non-condensing
<b>Operating Temperature:</b>	-4°F to 131°F (-20°C to 55°C)
<b>Storage Temperature:</b>	-4°F to 131°F (-20°C to 55°C)
<b>Vibration Endurance:</b>	3 Grms (5 – 500Hz, X Y, Z directions)
<b>Dimensions:</b>	Length – 7.87 in (200mm) Width – 4.72 in (120mm) Depth – 1.81 in (46mm)
<b>Weight:</b>	3.97lb (1.8kg)

## OUR FAMILY OF PRODUCTS:

				
WIRELESS PNEUMATIC THERMOSTAT (WPT)	WIRELESS STEAM TRAP MONITOR (WSTM)	WIRELESS GAUGE READER (WGR)	WIRELESS TRANSDUCER READER (WTR)	WIRELESS FREEZER MONITOR (WFM)

## HEADQUARTERS

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