

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:

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

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