

FEATURES

- Integrates with the HUB to log, display and trend wireless data from Cypress Envirosystems' field devices
- Built-in web pages for direct access to data and trending
- The GBC accommodates about 100-175* field devices in a typical installation
- Create and manage setpoint change schedules, thresholds, etc.
- BACnet/IP and OPC support for connectivity to existing building automation systems
- Alarm notifications via SMS or email
- Stores historical data
- Easy to mount on the wall
- Ruggedized for commercial use
- Fanless, low power design
- Supports dual 10/100/1000Mbps Ethernet Ports
- RoHS compliant



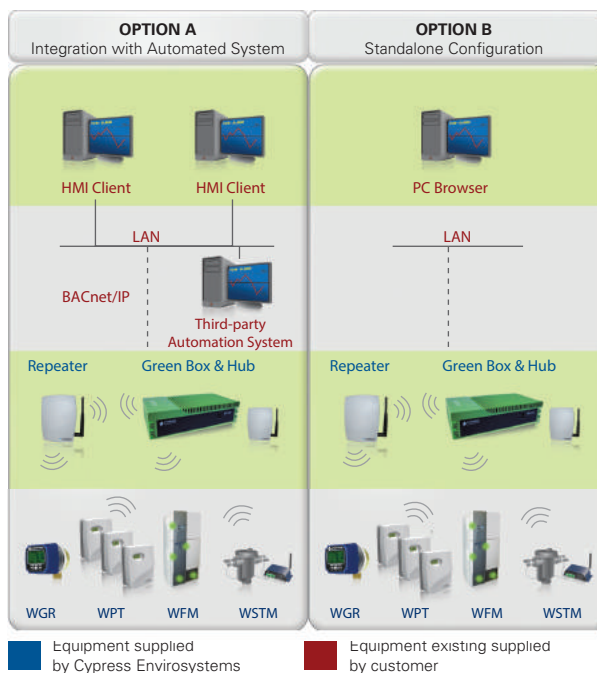
Data controller for Cypress Envirosystems' wireless network. Use to make data available to existing third-party automation systems or use standalone with the web interface.

The Green Box Controller (GBC) is a flexible communication gateway that logs data from Cypress Envirosystems' wireless network and provides it to users and third-party automation systems through a variety of interfaces.

For users with existing automation systems and operator workstations, it provides data over BACnet/IP or OPC for seamless integration.

For users who 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 workstation. Alarm notifications may be sent to any email address or by text message to cell phones and PDA's.

SYSTEM ARCHITECTURE



* The design maximum is 225 devices per GBC

KEY PRODUCT SPECIFICATIONS

GREEN BOX CONTROLLER

User Interface:	Built-in web pages for easy web browser access to data and trending
Available Data Protocols:	BACnet/IP or OPC via building Ethernet LAN
Mobile Access:	Alarm notification via email or SMS text message from cell phone & PDA
Approvals:	RoHS compliant
Power Supply:	100-240VAC, 1.6A, 50-60Hz
Humidity:	10% – 90%, non-condensing
Operating Temperature:	14°F - 122°F (-10°C - 50°C)
Storage Temperature:	-4 °F – 176 °F (-20 °C – 80 °C)
Vibration Endurance:	2 Grms (5 – 500Hz, X,Y,Z directions)
Dimensions:	7.87" W x 4.72" D x 2.2" H (200 mm x 120 mm x 56 mm)
Weight:	4.36 lb (1.98 kg)

Part number	Description	Applications
GBC-810-COM	Commercial Green Box	Wireless Pneumatic Thermostat
GBC-810-IND	Industrial Green Box	Wireless Gauge Reader, Wireless Steam Trap Monitor, Wireless Freezer Monitor, Wireless Transducer Reader

OUR FAMILY OF PRODUCTS:



HEADQUARTERS

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