GREEN BOX CONTROLLER (GBC)

CYPRESS ENVIROSYSTEMS™

FEATURES

- Integrates with the HUB to log, display and trend wireless data from Cypress Envirosystems' WPT Network

- Built-in web pages for direct access to data and trending

- The GBC accommodates about 100 WPT's* in a typical installation

- Create and manage setpoint change schedules

- BACnet/IP support for connectivity to existing building automation systems

- Alarm notifications via SMS or email

- Stores 5+ years worth of historical data

- Easy to mount on the wall

- Ruggedized for commercial use

- Fanless, low power design

- Supports dual 10/100/1000Mbs Ethernet Ports
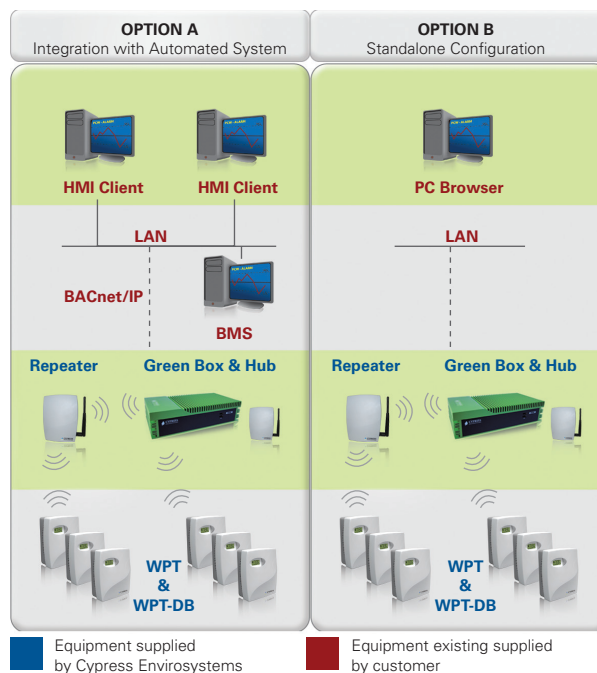
- RoHS compliant

Data controller for Cypress Envirosystems' WPT network. Use to make data available to existing building automation systems, or use standalone with the WPT web interface.

The Green Box Controller (GBC) is a flexible communication gateway that logs data from Cypress Envirosystems' WPT Network and provides it to users and building automation systems through a variety of interfaces.

For users with existing building automation systems and operator workstations, it provides data over BACnet/IP for seamless integration and transparent co-existence with direct-digital control systems.

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.

WPT SYSTEM ARCHITECTURE

OPTION A Integration with Automated System	OPTION B Standalone Configuration
HMI Client HMI Client	PC Browser
LAN	LAN
BACnet/IP	
BMS	
Repeater Green Box & Hub	Repeater Green Box & Hub
WPT & WPT-DB	WPT & WPT-DB

Equipment supplied by Cypress Envirosystems

Equipment existing supplied by customer

* The design maximum is 225 WPT's per GBC, but most building layouts impose a practical limit of about 100 WPT's per GBC.

KEY PRODUCT SPECIFICATIONS

GREEN BOX CONTROLLER (GBC-800-001)

User Interface:	Built-in web pages for easy web browser access to data and trending
Available Data Protocols:	BACnet/IP 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:	32 °F – 113 °F (0 °C – 45 °C)
Storage Temperature:	-4 °F – 176 °F (-20 °C – 80 °C)
Vibration Endurance:	1 Grms (5 – 500Hz, X,Y,Z directions)
Dimensions:	11.0" W × 5.9" D × 2.65" H (280mm W × 150mm D × 67mm H)
Weight:	5.5 lb (2.5 kg)

OUR FAMILY OF PRODUCTS:

WIRELESS PNEUMATIC THERMOSTAT (WPT)	WIRELESS GAUGE READER (WGR-100)	WIRELESS STEAM TRAP MONITOR (WSTM-100)	WIRELESS FREEZER MONITOR (WFM-100)	WIRELESS TRANSDUCER READER (WTR-100)	BLUE BOX SERVER (BBS-100)

HEADQUARTERS

198 Champion Court

San Jose, CA 95134

+1 408 943 2800

www.cypressenvirosystems.com

info@cypressenvirosystems.com