



QW1010c

TCS ZigBee Wireless Gateway

Description

The QW1010c allows monitoring and programming of building controls over a TCS ZigBee wireless network. This wireless network replaces the hard-wired RS-485 bus. By eliminating the need for running communication cables between devices, the wireless network provides an economical means to easily expand existing controller networks.

The QW1010c TCS ZigBee Wireless Gateway manages the exclusively TCS ZigBee wireless network. It connects a TCS Basys Controls TCS ZigBee wireless network directly to a USB port of a PC or to an RS-485 port of a QD1010. (one QW1010c per TCS ZigBee Wireless network)

Specifications

GENERAL:

Communication baud rate: 9.6 kbps

RADIO:

Output: 100 mW at 2.4 GHz

Protocol: TCS ZigBee, IEEE 802.15.4 compliant

Antenna: Internal to Unit

Power: Via USB cable or power supply (both included)

Open field range:

Gateway = 1000 ft

Router / Repeater = 1000 ft.

In building range: 150 to 500 ft (typical range, actual range depends heavily on building structure, makeup, and layout)

Max devices: 15 wireless devices per gateway (QW1010c)

ENVIRONMENTAL:

Operating temperature: 32 to 130°F (0 to 55°C)

Operating humidity: 0 to 100% RH, non-condensing

Storage temperature: 14 to 140°F (-10 to 60°C)

ELECTRICAL:

Supply voltage: 120 VAC @ 60 Hz to 5 VDC power supply

Power consumption: 1 VA Max

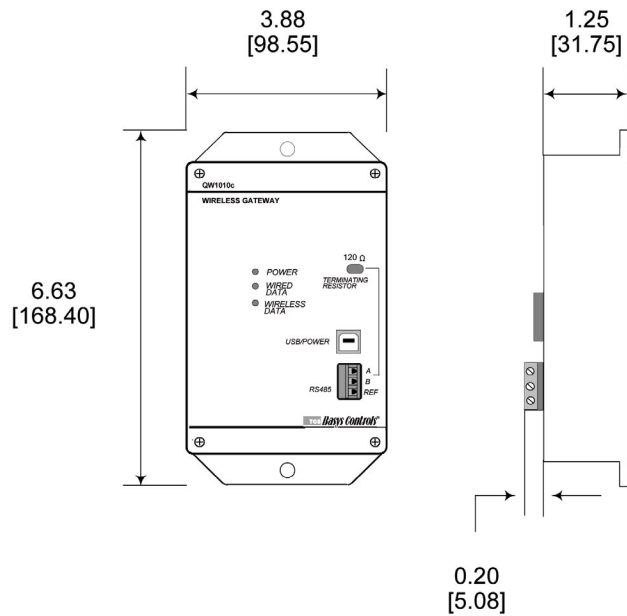
Specifications subject to change without notice.

Ordering Information

Part No.	Description
QW1010c	TCS ZigBee wireless gateway
Accessories	
QW1011	TCS wireless repeater
QD1010	USB to RS-485 converter

Dimensions

QW1010c



RS-485 Key

