

# QD3040

BACnet Edge Device

The QD3040 edge device connects a BACnet site controller network with the Ubiquity Cloud™ platform.



BACnet® is a registered trademark of ASHRAE.

## Features

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- Upgraded Ubiquity Cloud™ connection protocol with inherent security and minimal customer IT impact
- Up to two local BACnet MS/TP RS-485 networks
- BTL-listed
- Up to 32 controllers per port
- Reading/writing of all basic BACnet controller point types
- Reading/writing of BACnet schedules
- Auto-detection of controllers added to local networks
- Point discovery of BACnet controllers
- Autonomous point monitoring with adjustable monitoring period
- Automatic back-log of monitoring data upon Ubiquity™ connection loss
- Basic local configuration via web browser or command line
- Remotely upgradeable software
- Custom factory programming for plug-n-play user install

## Specifications

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### GENERAL

#### (2) Integrated RS-485 Ports:

- Removable screw terminal blocks
- 22 AWG, 3 conductor twisted and shielded wire
- Up to 32 controllers per network

**Baud Rates:** 9600, 19200, 38400, 57600, 76800, 115200

### ENVIRONMENTAL

**Operating temperature:** 32 to 131° F (0 - 55°C), Good ventilation mandatory. Ideal environment is in a server room

**Operating humidity:** 0-90% Non-condensing

**Storage temperature:** 32 to 131° F (0 - 55°C)

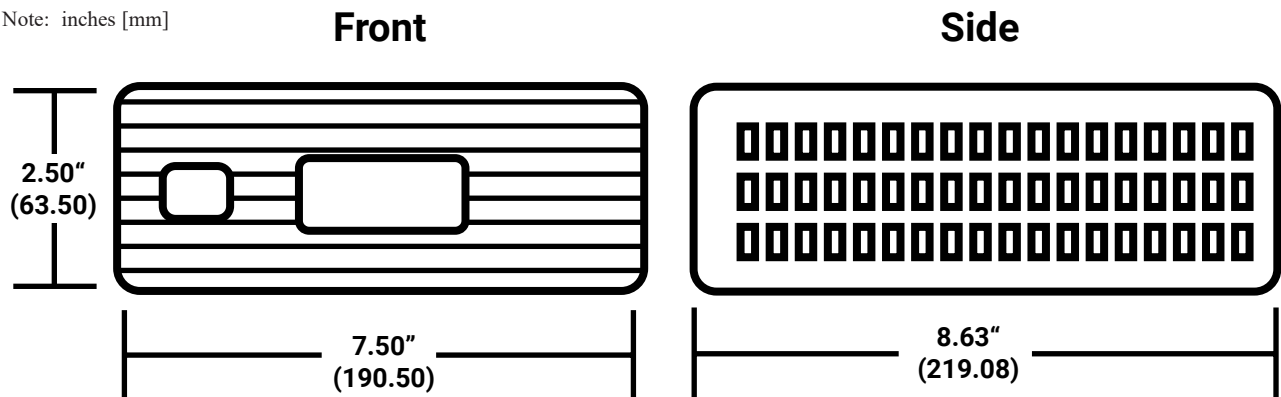
### ELECTRICAL

**Supply voltage:** 120 - 240 VAC, 165 VA 2.5 A Max, UL, FCC Class A, and CE Listed

Specifications subject to change without notice.

## Dimensions

Note: inches [mm]



## Ordering

Part #	Description
QD3040	BACnet Edge Device

### QD3040 Series Accessories

PI6450 - USA	Cellular Modem
PI6450 - CAN	Cellular Modem
PI3100	BACnet IP to MS/TP Router

### QD3040 Related Products

US4010	Single-Stage RTU / Zoning Thermostat
US4020	Multi-Stage RTU Thermostat
US4040	Advanced RTU Thermostat
US4050	Advanced Application Thermostat

View our full line at [www.tcsbasys.com](http://www.tcsbasys.com).

## Accessories

**Cellular Modem - PI6405 Series**



**BACnet IP to MS/TP Router- PI3100**

