

QTao 3.0

THE NEXT GENERATION IN METER CONNECTIVITY

The QTao™ 3.0 Data Hub is the data collector for the Quadlogic system. The QTao seamlessly integrates meter data with Quadlogic's cloud database and data visualization software giving users easy access to building data. The QTao is also compatible with many third party utility meters and building management systems.

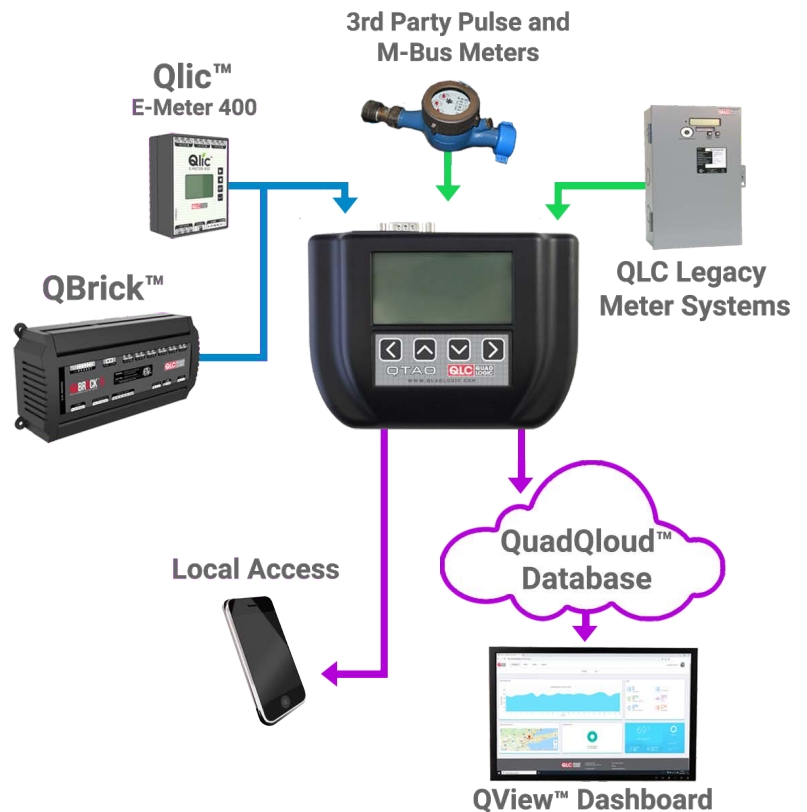
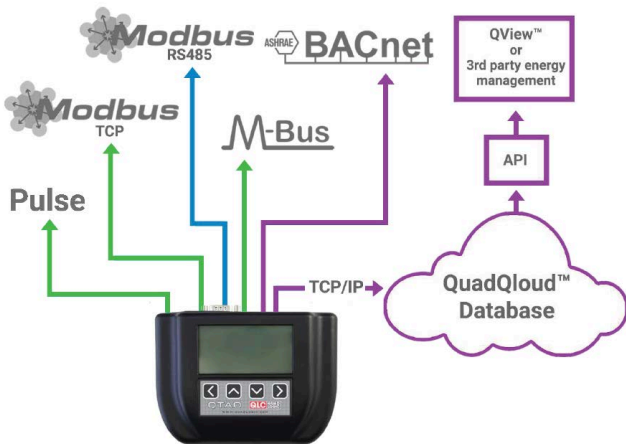
The QTao's Modbus, M-Bus, and pulse compatibility ensures reliable data collection from many meter types. The QTao's hardwired network connection, on-board Wi-Fi hotspot, and optional cell modem allow for secure meter data access and troubleshooting in a variety of installation environments.



BENEFITS:

- Robust data collection mechanism for reliable operation
- Intuitive user interface for local setup, status display, and troubleshooting
- Switchable WiFi hotspot for easy setup/troubleshooting with mobile device or laptop
- Locally hosted web interface for device management, downloads, and troubleshooting
- Modbus RTU, Modbus TCP/IP, M-Bus, and pulse meter compatibility.
- Wireless options for meters in remote locations
- Device auto-detect feature for plug and play setup

- Wired or Wireless Meter Interfaces
- Wired Meter Interfaces
- Data Access Protocols



SPECIFICATIONS

DATA ACCESS

10/100 **Ethernet** connection for QuadQloudDatabase push

Switchable Local **WiFi Hotspot** for local setup, access, and troubleshooting

Optional **Cell Gateway Modem** for QuadQloud Database push

BACnet interface for 3rd-party building management software

Compatible with the **QView** Data Visualization Dashboard or 3rd-party energy management software

Database **security** provided by Azure cloud services, data transfer is TLS 1.2 Compliant

METER INTERFACES

Data collection from up to 247 QBrick/Qlic meters via **Modbus RTU** over RS485 interface (repeaters necessary for more than 16 QBricks or 32 Qlics)

Data collection from up to 256 **M-Bus** meters

Wireless data collection from Qlic or QBrick meters using **900 MHz frequency radio**

Counts **pulses** from pulse type water/gas/BTU/Steam meters

Data collection from up to 247 meters via **Modbus TCP/IP** (max # of meters dependent on network quality)

OPERATION REQUIREMENTS

Input Voltage: 85 ~ 264 VAC

Temperature: -20°C to +60°C

Operating Power: ~1 Watt (Depends on feature set)

DISPLAY

128 x 64 pixel backlit Liquid Crystal Display (LCD)
& 4 button keypad

MEMORY

4GB non-volatile flash memory

DIMENSIONS & SHIPPING WEIGHT*

Dimensions: 10.0" Height x 8.0" Width x 6.0" Depth (with enclosure)

Shipping weight: 9 lbs (with enclosure)

* (Changes based on configuration)

Note: Above specifications are subject to change without notice

ORDERING INFORMATION

MODEL	DESCRIPTION	COMMUNICATION
73-QTAO-3.0	Quadlogic meter data hub. Includes 15 W Class II power supply and isolated RS485. Additional modules included based on feature selection.	Modbus RTU, Modbus TCP/IP, Pulse, M-Bus, Radio