

**QConnect - The most intelligent, global,
ultra-compact, rugged, communication device.**



Flexible Design

QConnect was created using an innovative design to meet the demands of a variety of industries. The hardware options along with a Linux OS allows QConnect to meet the requirements of every customer.



The Choice is Yours

Use the simple to use base configuration out of the box, or the fully programmable capabilities of the Linux OS. Further enhance QConnect with security and encrypted messaging through multiple communication protocols.



Global Access

Remotely access QConnect to stream live video, track assets, control assets, check asset status, increase productivity, and reduce liability Anytime, Anyplace, Any Way around the world.

Markets Served



Agriculture



Maritime



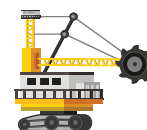
Heavy Equipment



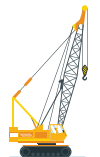
Transportation



Fork Lifts



Mining



Construction

Specifications

Communications - LTE/3G/2G

LTE (12 Band) - Global CAT 1 with fallback to 3G (7 band) / 2G (Quad band)
 SMTP, POP3, SMS, TCP, UDP, FTP
 Wi-Fi 802.11 a/b/g/n optional
 Bluetooth/BLE 4.1 optional

Data Interfaces

Flexible CAN Bus support - J1939, CANopen, & RAW
 2 CAN ports standard
 Serial RS-232 port

Physical Specifications

Size: 5.41" x 2.52" x 1.12"
 (137.4mm x 63.9mm x 28.5mm)
 Weight-without battery: 0.38 lbs (175 grams)
 Weight-with battery: 0.44 lbs (200 grams)

GPS

Concurrent GPS/QZSS/GLONASS/Beidou/Galileo

Memory

RAM: 128MB DDR3 standard
 Flash: 128MB standard (contact factory for options)
 Support for Secure Boot

Real-Time Clock

Programmable

Input / Output

5 GPIO - 3.3V logic
 2 ADC/PWM capable GPIO
 Key Switch
 10/100 4-wire Ethernet optional

Power

External Power Source:	9-32 VDC (24V)
Power Consumption:	
Transmit LTE:	325 mA (estimate)
LTE, WiFi, GNSS:	600 mA (estimate)
Idle Mode:	50 mA (estimate)
Stop Mode:	4 mA (estimate)
SMS Wake Mode:	2 mA (estimate)
Sleee Mode:	20 uA (estimate)
Deep Sleep Mode:	15 uA (estimate)
Battery Assist option	600mAhrs

Accelerometer/Gyroscope

3 axis standard on base model
 6 axis standard on fully loaded model

Environmental Specifications

Storage Temperature: -40C to +85C
 Operating Temperature: -30C to +70C
 Rated to IP67 and J1455

