QUAKE GLOBAL

QConnect™

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

Flexible Design
QConnect is an innovative solution built to meet the demands of a variety of industries. The robust hardware design along with a Linux OS allows QConnect to meet the requirements of many customers.

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 at any time, anyplace across the globe.

Markets Served

Agriculture   Maritime   Heavy Equipment   Transportation   Fork Lifts   Mining   Construction

QConnect™

Specifications

Communications - LTE/3G/2G
LTE - Global Cat1 (FDD bands 1, 2, 3, 4, 5, 7, 8, 12, 13, 18, 19, 20, 26, 28, and 66 - TDD bands 38, 40, and 41) with fallback to 3G (8 bands - 1, 2, 3, 4, 5, 6, 8, 19) & 2G (Quad band)
Wi-Fi 802.11 a/b/g/n optional
Bluetooth/BLE 4.1 optional

Data Interfaces
2 CAN ports standard - J1939, CAN RAW
Serial RS-232 port
10/100 4-wire Ethernet optional

Physical Specifications
Size: 5.41" x 2.52" x 1.12"
(137.4mm x 63.9mm x 28.5mm)
Weight: 0.37 lbs (170 grams)

GPS
Concurrent GPS/GLONASS/Beidou/Galileo

Memory
SDRAM: 512MB (128MB reserved for OS use)
NAND: 512MB (128MB reserved for OS use)
1GB NAND optional
Support for Secure Boot

Input / Output
5 GPIO - 2 ADC capable, 2 STG capable 3.3V standard, 5V option available - Contact Sales
Key Switch

Power
External Power Source:	9-32 VDC
Power Consumption:	(12V)
Transmit LTE:	250 mA
LTE, WiFi, GNSS:	650 mA
Idle Mode:	140 mA
Stop Mode:	4 mA
SMS Wake Mode:	3 mA
Sleep Mode:	1.2 mA
Battery Assist option	150mAhrs

Real-Time Clock
Programmable

Environmental Specifications
Operating Temperature: -30C to +70C
Storage Temperature: -40C to +85C (without battery)
Rated to IP67 and J1455

FAKRA-II

JAE MX23A26NF1