



**EROAD**

PRODUCT SPECIFICATIONS

# CoreHub Xtreme

## Deliver loads with confidence

**Helping you protect perishable goods is our business. Made for reefer, trailer and other hard-working assets, the CoreHub Xtreme gateway and IoT sensor network helps you keep the perishable goods you carry safe even in the harshest of weather conditions. Our intuitive data analytics tools with prioritized alerts give you the controls and confidence you need to deliver loads, safely.**

### Ensure food safety and reduce lost loads

Have confidence in the quality of loads you deliver. Reduce lost loads when you use data from CoreHub Xtreme's expanding network of door, temperature, fuel and humidity sensors. Futureproof your fleet with an always growing suite of sensors, easy retrofit integrations, and FSMA compliance toolsets.

### Boost reefer and trailer health

Boost fleet health and save maintenance costs by monitoring trailer ABS/EBS, engine fault codes, tire pressure and more. Have a pulse on your fleet's location and compliance with our two-way reefer commands and fleet management platform. Diagnose faults on your refrigeration units and create a preventative maintenance schedule using DVIR and custom digital checklists for further savings.

### Increase fuel savings and asset utilization

Increase fuel savings and reduce carbon emissions across your entire fleet with remote pre-cooling and data analytics that help increase efficiencies around bulkhead management and switch-on time. Know with certainty how and where your equipment was used - whether it's cold storage, dry goods or lost trailers. Our idle reports, advanced geofencing, and prioritized alerts can deliver rapid ROI from reduced costs and time savings.



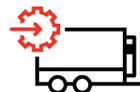
#### Simplify compliance

Real time product temperature readings and two-way reefer control help keep you compliant with FSMA regulations. Configure custom alerts that give you the information you need to know to prevent problems.



#### Tough, dependable design

Whether traversing mountains, deserts, highways or city streets, stay connected, compliant and in control - CoreHub Xtreme is tested to keep performing anywhere from -40 to 158° F.



#### Integrate with major brands

Get real time visibility, operational information and remote control with our unparalleled integration with our unparalleled integration with Thermo King, MAERSK Star Cool, AEM All-Electric refrigeration units, and our rapidly expanding integration network.



#### One device for all your needs

Integrating seamlessly with our fleet management platform, CoreHub Xtreme supports all your needs. From vehicle tracking, geofences and ELD as well as integration with Drive, our in-cab mobile app with integrated jobs workflow, navigation and messaging.

# CoreHub Xtreme Specifications



## Network Connectivity

<b>Cellular</b>	4G LTE, 3G/2G fallback
<b>WiFi</b>	2.4 & 5Ghz (802.11 a/b/g/n) 150Mbps
<b>Bluetooth</b>	Classic + BLE 4.2 (host & client)
<b>SIM Card</b>	Dual SIM support
<b>Supports 3GPP</b>	E-UTRA Release 10
<b>Data Security and Encryption</b>	TLS encryption using the MQTT protocol between Corehub and Microsoft Azure IoT Hub
<b>Reporting Time</b>	Every 2 minutes or every 2 km traveled

## General

<b>OS</b>	Android 7.1
<b>CPU</b>	Quad-core A7 1.1

## GPS

<b>GPS Receiver</b>	GPS BEIDOU Glonass Galileo
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## Physical

<b>Dimensions</b>	6.3 x 3.5 x 1in 160 x 90 x 25mm
<b>Weight</b>	0.5lb - 0.8lb / 250 - 400g
<b>Colour</b>	Black

## Power

<b>Full power draw</b>	12V 0.5 amp 24V 0.25 amp
<b>Low Power Mode</b>	Yes
<b>Battery</b>	Lithium Ion Rechargeable battery or Lithium hybrid supercapacitors (optional) Energy harvesting capability
<b>Minimum capacity</b>	2800mAh

## Storage

<b>RAM</b>	2GB LPDDR3
<b>Flash</b>	16GB EMMC

## Environmental

<b>Temperature</b>	-40° to 158°F
<b>IP Rating</b>	IP66K

## Sensor Compatibility

Fuel Sensor (BLE)	Wireless Display (WiFi)
Door Sensor (BLE)	Temperature Sensor (BLE)
WiFi Camera (WiFi)/USB	Tire Pressure Sensor (BLE)
Humidity Sensor (BLE)	

## Accelerometer

<b>Axis</b>	3-Axis
<b>G-Force Range</b>	1 - 4G

## Wired IO

<b>RS232</b>	2
<b>GPIO</b>	5 Analog / Digital GPIO
<b>ADC</b>	5
<b>USB</b>	Host & Client
<b>CAN</b>	2
<b>J1708</b>	1

## Connectivity

<b>Specialized Wire Harnesses</b>	Thermoking Trailer power Dry trailer
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## About EROAD

EROAD develops technology solutions (products and services) that manage vehicle fleets, support regulatory compliance, improve driver safety and reduce the costs associated with driving. EROAD also provides valuable insights and data analytics to universities, government agencies and others who research, trial and evaluate future transport networks. This data enables those who use the roads to influence the design, management and funding of future transport networks.

See [www.eroad.com](http://www.eroad.com), or call 1-855-50-EROAD for more information.