



EROAD

CoreHub Xtreme

Deliver loads with confidence

CoreHub Xtreme is a next-generation ruggedized IoT reefer gateway that empowers fleet operators to monitor and control the efficiency and safety of their cold chain fleets on a single platform.

Ensure food safety and reduce lost loads

Have confidence in the quality of loads you deliver. Reduce lost loads, claims, and lost revenue when you use contextual data from CoreHub Xtreme's expanding network of door, temperature, fuel and humidity sensors paired with our CoreTemp (TM) technology to achieve true temperature control.

Boost reefer and trailer health

Boost fleet health and save maintenance costs by monitoring your reefer's uptime, fault codes, utilization, and performance. Have a pulse on your fleet's location and regulatory compliance with our two-way reefer commands and fleet management platform. Prevent reefer shutdowns with predictive insights and remotely diagnose faults for further savings.

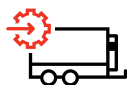
Increase fuel savings and asset utilization

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 while your reefer is on or off. Know with certainty how and where your equipment was used. Our reefer insights, advanced geofencing, and prioritized alerts can deliver rapid ROI from reduced time and cost 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 and prevent problems.



Integrate with major brands

Get real time visibility, operational information and remote control with our unparalleled integration with Thermo King, Carrier, and our expanding integration network.



Easy to install

Unlike existing industry hardware that is complex and time consuming to install, CoreHub Xtreme is quick and easy to install, with an easy to use and free install application – saving you time and money, and getting your vehicles back on the road faster.

CoreHub Xtreme Specifications



Network Connectivity

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

General

OS	Android 7.1
CPU	Quad-core A7 1.1

GPS

GPS Receiver	GPS BEIDOU Glonass Galileo
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Physical

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

Power

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

Storage

RAM	2GB LPDDR3
Flash	16GB EMMC

Environmental

Temperature	-40° to 158°F
IP Rating	IP66K

Sensor Compatibility

Wireless Door Sensor (BLE)
Wired Fuel Sensor
Wired On-Board Mass (OBM) Sensor
Wired Refrigeration Unit Connection

Accelerometer

Axis	3-Axis
G-Force Range	1 - 4G

Wired IO

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

Connectivity

Specialized Wire Harnesses	Thermoking Trailer power Dry trailer Carrier
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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, or call 1-855-50-EROAD for more information.