PT 6000
Complete reefer management
Two-way monitoring and control of refrigerated trailers, containers and railcars used in the transportation and distribution industry

ORBCOMM’s PT 6000 enables comprehensive fuel and temperature management, maintenance, logistics and regulatory compliance for refrigerated transport assets. Available as a cellular or dual-mode satellite-cellular version.

As part of a comprehensive telematics solution that includes sensors, connectivity and the CargoWatch application, the PT 6000 enables complete visibility and control of cold chain operations to help ensure the integrity of temperature-controlled cargo as it moves along the supply chain.

Two-way communications
Remotely set reefer temperature, change reefer state, initiate a defrost and more with two-way commands.

Alarms and notifications
Receive real-time alarms when specific conditions are detected—an active reefer is turned off, cargo area temperature deviates from the set points or does not match values specified by the order, an asset enters or exits a geofence, rapid fuel loss is detected and more.

Feature-rich
The PT 6000 is compatible with every type of refrigerated unit for seamless installation and utilization. The device supports up to 3 temperature sensors to accommodate reefers with multiple zones and a rechargeable battery that reports for up to 10 days (depending on reporting frequency) when no vehicle power is available.

ORBCOMM’s PT 6000 is compact and has been built to operate in harsh environments. The device can be installed on the wall of a refrigerated trailer or inside a reefer cabinet. External LEDs communicate real-time status to facilitate installation and troubleshooting. A second serial port integrates additional RS232 sensors and systems.

Third-party integration

Comprehensive temperature, fuel and maintenance management
Two-way monitoring and control
Easy to install
Multi-temperature zone support
Event-based alarms
Rugged and small form factor

CONNECTING THE WORLD’S ASSETS
Direct interface to refrigeration transportation units
- Carrier Transicold Vector, APX, standard, advance
- Carrier Transicold Multi-Temp (standard, vector)
- Carrier Solara
- Thermo King SR3, SR2, μPIV, μPV, μPVI
- Thermo King μPT straight truck/multi-temp
- Thermo King Multi-Temp (Spectrum μPIV, SR2)
- Thermo King TGV, TGVI (Standalone)

Communications
Cellular and satellite-cellular

Alert delivery time
30 seconds typical

Poll response time
2-3 minutes typical

Power input range
9v - 16v DC

Sensors/optional sensors
- GPS, fuel, door open/closed, tethered
- Remote or independent temperature probes, movement/stationary, engine hours
- Door lock/unlock

Monitoring and control functions
- Microprocessor alarms (critical, non-critical)
- Change set point
- Remote on/off (if equipped)
- On/off event reporting
- Change Mode of Operation
- Change controlling sensors
- Clear alarms
- Run pre-trip
- Intellisets/opti-sets
- Remote configuration parameters
- Temperature profile graph
- Control scheduler
- Group commands

Other functions
- Fuel usage
- Remote firmware updates
- Refrigerated asset performance monitoring

Operational temperature range
-40C to +70C

Dimensions
7.5”x 4.3”x1.5”

Enclosure
Polycarbonate; IP67 rated

Network
Web exception reporting, notifications via email/wireless device, tracking and tracing Integration, EDI intermodal 204/222/301/404/417/322 network compliant

CALL: 1.800.ORBCOMM    EMAIL: SALES@ORBCOMM.COM    VISIT: WWW.ORBCOMM.COM

ORBCOMM Inc. (Nasdaq: ORBC) is a leading global provider of Machine-to-Machine (M2M) communication solutions and the only commercial satellite network dedicated to M2M. ORBCOMM’s unique combination of global satellite, cellular and dual-mode network connectivity, hardware, web reporting applications and software is the M2M industry’s most complete service offering. Our solutions are designed to remotely track, monitor, and control fixed and mobile assets in core vertical markets including transportation & distribution, heavy equipment, industrial fixed assets, oil & gas, maritime and government.