



Gain Control of Your Cargo

Refeer



CargoKeeper for reefers connects to the controller unit to let you monitor and control the temperature settings throughout the shipping process anywhere anytime for better efficiency and management of refrigerated assets.

Get Over-the-Air acces to the controller unit of reefer containers

CONTINUOUS AUTOMATED CARGO MONITORING

Know the Condition of The Reefer at All Times

TRACKING & REPORTING MADE EASY

Control the reefer Over-The-Air & Receive Email/SMS Notifications

WORLDWIDE CELLULAR GSM & GPS ACCESS

Always Know the Location of your Assets & Improve Theft/Lost Prevention

ACCELERATION & SHOCK DETECTION

Understand Container Mishaps & Substantiate Claims

CARGO DEPARTURE & ARRIVAL NOTIFICATION

Optimize Deliveries & Improve Payment Procedures

ONLINE WEB PLATFORM

Anytime Anywhere Access with Exportable Data for Analysis

BRACKET MOUNTING SYSTEM

Easy device hookup and removal by anyone
One time Bracket Installation Ideal for Open & Closed Loop Shipment



819-595-4524

info@tektrap.com

tektrap.com

CargoKeeper is also available for container surface mount and for covert (invisible) application. Call us for more details or visit www.tektrap.com

Specifications | Reefer Model

MONITORING

CONTROLS - OTA PROGRAMMABLE

- Power On/Off
- All Active Alarms
- Set-point Temperature
- Supply & Return Air Temperature
- Vent Settings
- Controller modes (frozen, chilled, etc)

REEFER EQUIPMENT DIAGNOSTICS

- Power On/Off
- All Active Alarms
- Set-point Temperature
- Supply & Return Air Temperature
- Vent Settings
- High/Low Pressure

TRACKING & REPORTING

- Immediate Email/SMS Alert Notifications
- Default & User Programmable Reports
- Location/ Mapping/Tracing/Geo-fencing
- Report & Logs all movement
- Ping device for latest location and status
- Integrated 45 days data logging

ONLINE MANAGEMENT APPLICATION

- Over-the-Air setting of reporting intervals
- OTA Programming of Alarms
- Real time Status Requests (Ping)
- .CSV and export functions
- Mapping in Goggle maps
- Integration with Legacy software

SENSORS

- Orientation & Tilt
- Acceleration, Vibration and Shock
- Reefer Control box Temperature
- Main Power Loss discovery

COMMUNICATION NETWORKS

- Quad-Band GSM Worldwide Coverage
- Global two-way Communications
- GPS
- TekWi (proprietary short burst low power communication protocol)

INCLUDED ITEMS

- CargoKeeper device
- Reefer mounting bracket with interface
- USB data cable
- Software application
- Worldwide Access to secure website
- Installation instruction

HARDWARE

DEVICE

- Miniature device with integrated antenna
- Up to 16 MB memory storage
- Embedded Global SIM Card

BRACKET

- Mechanical support
- Power interface
- Backup battery
- connexion wiring

DIMENSIONS

DEVICE

- 15 cm x 6.2 cm x 2.5 cm
- 6" x 2,5" x 1"
- 140 Grams or 5 oz

BRACKET

- 15 cm x 6.2 cm x 0.31 cm
- 6" x 2.5" x 1/8"

POWER SOURCE

REEFER SUPPLIED

+24 Vdc

BACK UP BATTERY

Li-Ion, 3.6V, 4.4Ah

ENVIRONMENTAL SPECIFICATIONS

OPERATING TEMPERATURE

-40°C to 85°C (-40°F to 185°F)
Hermetically sealed, IP67
Humidity: 100% Condensing

SHOCK

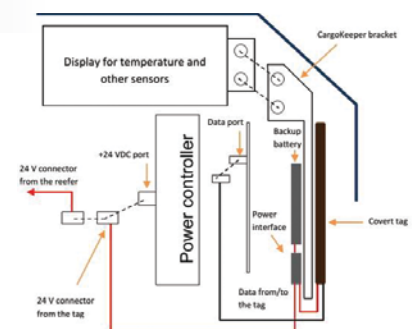
20g operating,
50g non-operating (1 Meter drop on hard surface)

VIBRATION

Random (20Hz to 2kHz)

INSTALLATION

- CargoKeeper is connected to a special bracket for quick install/removal of device by anyone.
- One time bracket installation (by a technician) to the controller unit data & power port for easy and fast removal. Ideal for open and closed loop reefer containers shipment.



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