

RRCE-T™

Reefer Monitoring Platform

DATASHEET

SIGNIFICANT FEATURES:

- Connects via the data-port located on each reefer port
- Does not require reefer container to have PCT Slave Modem
- Permanently mounted hardware, reducing loss of monitoring equipment
- Ideal for large terminals & vessels
- Up to 10 inputs per unit
- LAN or Wifi connection
- IP 66 Enclosure
- Network switchover in case of power loss
- Easy access for maintenance or board replacement



RTE offers the Refrigerated Shipping Industry the most complete and comprehensive line-up of Remote Reefer Monitoring Solutions available.

As part of the RRCE Family, RRCE-T is based on a Hardware/Software platform that provides a common interface to controllers from different manufacturers.

RRCE-T, in conjunction with RTE's GRASP 3.0 software, gives you the ability to monitor reefer containers in real-time with the following capabilities:

- Collection & Display of operating parameters- Temperature, CA Information, Power Information
- Clear text description of alarms using manufacturers code & text
- Downloads of: temperature, Events, Alarms, PTI, USDA logs, etc.
- Remote control of: Set-points, PTI, defrost, CA
- Graphical Bay/Yard View

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NETWORK:

Datasheet v2017-1

- Each RRCE requires an IP address
- The software is comprised of modules: PCOMM, data-base, the web server, and clients.
- PCOMM must have access at network level to the RRCE boxes, to the data-base and the web server.
- The web server must have access to the data-base.
- The clients must have access to the web server.
- At least one of the clients must have Internet access to be able to receive updates.

SYSTEM COMPONENTS:

RRCE-T - Provides the interface to/from the reefer to the system. The RRCE-T is permanently installed in the reefer rack and provides the interface via the reefer data-port. The RRCE-T automatically detects the reefer type and accesses the information available within specific reefer types.

J-Box - Provides the junction between the reefer download cable and the RRCE-T. The J-Box also provides protection as well as storage for the data cable.

Reefer Download Cable - Connects directly to the reefer's data-port. The Reefer Download Cable also contains a fuse breakaway in the case of a drive-off, preventing the loss of the entire cable or damage to the J-Box.

SPECIFICATIONS:

Dimensions:	10.75"L x 8.90"W x 1.50"H (273mm x 226mm x 38mm)
Weight:	4.00 LBS (1.8kg)
Operating Temp:	-40 to 70C (-40 to 158F)
Storage Temp:	-50 to 100C (-58 to 212F)
Humidity:	95%
Flammability:	UL94V-O
Input Voltage:	350VAC - 480VAC, 47-63 Hz; 3 phase with ground (220VAC) can be configured on board
Current Draw:	< 1 amp @ 24VAC
External Power Supply:	24VDC, 5VA
LAN Ports:	RJ45 x3; wired for "A" or "B"

