



TRANSPORT REFRIGERATION PARTS

DATASHEET • X3

# EUROSCAN X3 SERIES

## Temperature Recorders for Cold Chain Compliance.

Industry-leading temperature monitoring and compliance for the transportation of temperature-controlled cargo.



ORBCOMM's Euroscan temperature recorders enable temperature monitoring and proof of compliance from origin to destination for food, pharmaceuticals and other temperature-controlled cargo.

### PROOF OF COLD CHAIN COMPLIANCE

As part of a comprehensive cold chain telematics solution that includes sensors, connectivity and the ColdChainView web application, the Euroscan X3 series delivers printed or electronic temperature records, real-time event-based alerts, advanced reports and analytics, geofences and more.

### INTEGRATED PRINTER

#### Available in two configurations:

- Euroscan TX3: rugged case for installation outdoors
- Euroscan RX3: compact for installation inside the cabin

### EASY TO USE AND INSTALL

#### Regulatory compliance

ORBCOMM's Euroscan X3 series meets the highest requirements of local and international regulations and guidelines for the transportation of food and pharmaceuticals—GAMP 5 (Good Automated Manufacturing Practice established by the pharmaceutical industry), HACCP (food safety), EN12830:2018 Class 0.5, CE, RED and PTCRB.

### EVENT-BASED ALARMS

#### Feature-rich

The temperature recorders feature an integrated printer, a large display, an easy-to-use interface, multi-language support, a built-in accelerometer and more. In addition to on-demand printed temperature records, The Euroscan RX3 gives drivers access to status reports right from the cabin.

### MULTI-TEMPERATURE COMPARTMENT SUPPORT

Access real-time and historical reports and run analytics on asset performance, utilization and status to increase operational visibility, enable more efficient business planning and gain a better return on investment. Receive and manage temperature, intrusion, geofence and maintenance alerts in real-time through the built-in display or the ColdChainView application to ensure timely corrective measures are taken.



The Euroscan X3 series supports up to 6 sensors, making it ideal for multicompartment trailers with different temperature requirements. ORBCOMM's X3 series is compatible with refrigerated units from most manufacturers.

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### Compatible refrigeration systems

- Carrier
- Thermo King
- Mitsubishi
- Konvekta

### Operating voltage

- 10 - 32 V with load dump protection

### Power

- Consumption: nominal value 0.6 W, max. 25 W (while printing)
- Low power mode capability

### Environmental

- Operating temperature: -30 °C / +70 °C
- Maximum temperature: -40 °C / +85 °C
- Euroscan TX3: IP65
- Euroscan RX3: IP20

### Humidity

- Relative humidity: 97% at 25 °C

### Memory size

- Memory size: 8 MB, minimum 1 year with 2 sensors on a 15 min logging interval

### Interfaces

- Inputs: 6 temperature sensors (-50 °C / +70 °C)
- Digital inputs: 1 digital for display background light, active >5 VDC, 4 closed circuit
- Open output: 1 switched to ground and current limited to 1A
- 3-axis accelerometer

### Bluetooth

- Data transmission to EuroTool service software and service/parameter programming via Bluetooth



### External interfaces

- Data ports: 2 RS-232 connectors for external devices
- CAN Bus: 1 port

### Cellular communications

- 3G HSPA

### Dimensions

- TX3: 225 x 185 x 111,7 mm (8.86" x 7.28" x 4.4")
- RX3: 186 x 58 x 150 mm (7.32" x 2.28" x 5.91")

### Compliance

- EN 13468, CLASS 1
- -852/2004 AS OF 1.1.2006
- HACCP
- GAMP 5
- CE
- RED
- PTCRB


### Certification

- EN12830:2018 Class 0.5 (-25°C to +7°C), Class 1 (-40°C to +50°C)
- E-13 type approval to 95/54/EEC

Myriad Parts is a leading provider in the transport refrigeration parts industry, dedicated to offering high-quality products and exceptional customer service. We specialise in a wide range of parts and accessories designed to keep your refrigeration units running efficiently and reliably. Our comprehensive product offerings, combined with our commitment to customer satisfaction, make us a trusted partner for businesses in the transportation, supply chain, and logistics sectors.

For more information, please visit [www.myriadparts.com](http://www.myriadparts.com).

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✉ [info@myriadparts.com](mailto:info@myriadparts.com)  [www.myriadparts.com](http://www.myriadparts.com)

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