

**Refrigerator/Freezer netGuard - MODEL MOLLY303**

- ◆ You need to maintain a log of the temperature in your refrigerator and freezer located down the hall or around the world.
- ◆ You need to receive alarm email if the temperature goes out of the limits you programmed.
- ◆ **The Refrigerator/Freezer netGuard MOLLY303 is the perfect solution!**
- ◆ Our free **Data Capture Program** automatically collects and maintains a log of the data obtained from all Refrigerator/Freezer netGuard's on your network making data collection for hundreds of sites a breeze.

**Hardware Features**

- Monitor two temperature sensors and two magnetic door sensors.
- Alarm relay that can be connected to existing security systems or signaling equipment.
- Buzzer to indicate alarm conditions to onsite staff.
- **Internal data logging.** Store up to two weeks of date/time stamped temperature readings.
- Rechargeable battery backup allows the internal data logging to continue for up to four days in the event of a power outage. Data is never lost even after the batteries discharge.
- Remotely check the real time status with a web browser.

**Molly303 and the Data Capture Program Features**

- Automatically sends **alarm emails** to key personnel that specifies the cause of the problem.
- Program limits for each sensor with upper and lower thresholds and time delays.
- View real time and historical data.
- Maintains secure data log files for all data.
- Easily create and print graphs over specified time periods for any data.
- Easy field calibration / temperature correction.

**Device Specifications****Inputs:**

<b>Temperature Inputs:</b>	2
<b>Measuring Range:</b>	-148°F to +96°F, -100°C to +35°C
<b>Measurement Resolution:</b>	0.1°
<b>Measurement Accuracy:</b>	±1.0°C
<b>Temperature Sensor Type:</b>	RTD: 2 wire (1000 ohm, Platinum, .00385 TCR)
<b>Sensor Accuracy:</b>	±0.3°C @ 0°C, ±0.8°C from -100°C to +35°C
<b>Door Inputs:</b>	2
<b>Door Input Type:</b>	12VDC 10ma source

**Outputs:**

<b>Relay:</b>	NO and NC Contact
<b>Alarm Buzzer:</b>	85 dB

<b>Power Requirements:</b>	120VAC at 50/60 Hz wall mount transformer (included)
<b>Electrical Connections:</b>	Pluggable, 12 position terminal block
<b>Material:</b>	Flame retardant ABS plastic, 94-5VA
<b>Dimensions:</b>	Enclosure: 5.625" x 3.250" x 1.150" Mounting Flange Holes: 6.130"
<b>Ambient Operating Conditions:</b>	32°F to 125°F
<b>Shipping Weight:</b>	1 lbs.
<b>Agency Compliance:</b>	Power supply is UL listed

## Network Interface Specifications

**LAN:** Ethernet 10Base-T or 100Base-TX (Auto-Sensing)  
**Transport Protocol:** TCP/IP, UDP, SNMP (read only)  
**Connector:** RJ45

**Regulatory Compliance:** FCC Class B compliant — EMC compliant  
Class B limits of EN 55022:1998  
EN55022: 1998 + A1: 2000 + A2: 2003 Class B  
EN61000-3-2: 2000 Class A  
EN61000-3-3: 1995 + A1: 2001  
EN55024: 1998 + A1: 2001 + A2: 2003  
FCC CFR 47, PART 15 SUBPART B CLASS B  
ICES-003 ISSUE 4: February 2004 CLASS B  
AS/NZS CISPR 22:2002 CLASS B  
CISPR22: 1997 + A1: 2000

**LED Indicators:** 10Base-T connection  
100Base-TX connection  
Link & activity indicator - Full/half duplex

**Ambient Operating Conditions:** 32°F to 125°F

### Wiring Diagram (side view of enclosure)

