Temperature Guard

Made in USA

Model CM712 Temperature and Humidity Monitor

SPECIFICATION SHEET

- You need to monitor your cooler and freezer, but you don't have an analog phone line.
- You want to monitor you vacation home, but don't want to pay for the phone line you never use.
- You want to monitor your R.V. (with your pet inside) while you are out to dinner.
- **The CM712 is perfect for you.**
- The CM712 has one internal temperature and humidity sensor
- You also have the ability to add two external temperature sensors, two door sensors and two water   sensors.

User Programmable Features

Up to 4 cell numbers for sms alerts
Celsius or Fahrenheit
Upper and lower limits for all sensors with individual delay times
Ability to name each sensor
Power outage time delay
Status update time once a day, you choose the time
Password protection
Internal rechargeable batteries
Works with a Twitter account

Specifications

Temperature Measuring Range	
Internal	32°F to 125°F (0°C to 51°C) 1 deg. resolution
External	-328°F to 392°F (-200°C to 200°C) 1 deg. resolution
Sensor Type	
Internal	Sensirion SHT-71
External	RTD: 2 wire, 1000 ohm, Platinum, .00385 TCR
Humidity Measuring Range	0 to 100%
Humidity Sensor Accuracy	+/-3% (from 20-80%RH) 1% resolution
Power requirements	12VDC 200mA or 115VAC
Dimensions	5.625" x 3.250" x 1.375"
Cell Module Specification	Quad Band EGSM 850/900/1800/1900MHz PTCRB Certified
SIM	Uses standard sim card (AT&T or T-Mobile in USA)

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(side view of enclosure)

OFF - ON   DC 12-18V

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

External Battery Option for Mobile Applications

Terminals
1 and 2	Input 1 External Temperature 1
3 and 4	Input 2 External Temperature 2
5 to 7	Input 3 Normally Closed (Door Sensor 1)
6 to 7	Input 4 Normally Closed (Door Sensor 2)
8 to 10	Water Sensor Input (NO)
9 to 10	Water Sensor Input (NO)
11 and 12	No connection

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TEMPERATURE GUARD **MICROTECHNOLOGIES, INC.** www.temperatureguard.com	**CM712 rev 6**	1 OF 1
	DESCRIPTION Wiring Diagram	DATE February 2012