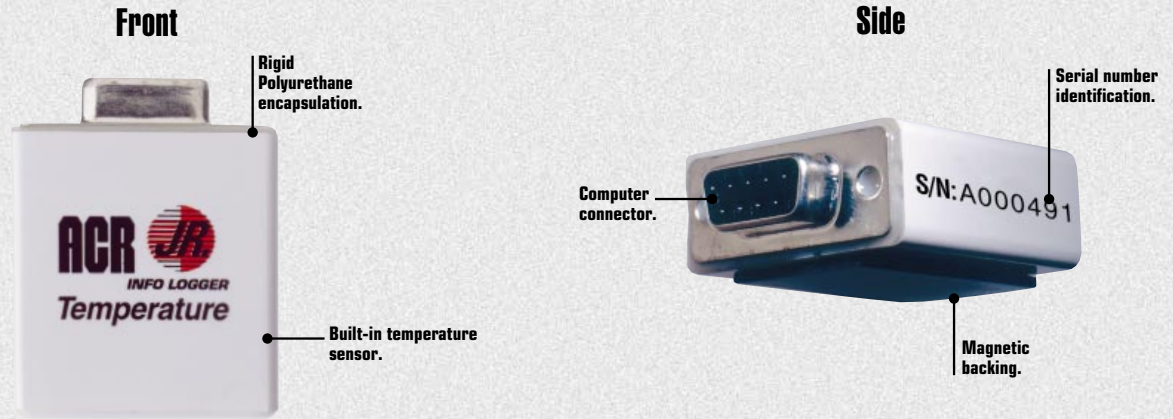


## Easy to Use, Low Cost Data Logger

### Features

- Single-channel temperature
- 5-year battery life
- Up to 44 days' readings
- Samples every two minutes
- Realtime graph display
- No setup required
- Just plug it into the Com port to view data



SHOWN ACTUAL SIZE

### Product Specifications

ACR JR. Data Loggers share many common features. For further specifications, refer to the categorized data sheets starting on page 14.

#### General:

Memory Size:	8 K (with compression up to 32 K). Typical 22 days (depending on the rate of temperature change). Maximum 44 days.
Resolution:	8 bit (1 part in 256).
Sampling Method:	First-in First-out.
Sampling Rate:	1 reading every 2 minutes.
Size:	33 x 43 x 15 mm (1.3 x 1.7 x 0.6").
Weight:	1 ounce (29 grams).
Case Material:	Polyurethane.
Mounting:	Magnetic backing.
Operating Limits:	-40°C to 85°C (-40°F to 185°F). 0 to 95% RH (non-condensing).
Clock Accuracy:	+/-2 seconds per day.
Battery:	3 volt Lithium; 0.5 Amp-Hour.
Battery Life:	Five years warrantied (under normal use).
PC Requirements:	IBM PC or 100% compatible running MS Windows 3.1, '95, '98, or NT, with a least 2 MB RAM, 2 MB of hard drive disk space and one free serial port.

#### Product Approvals:

Meets Part 15 for Digital Devices of the Code of Federal Regulations of the Federal Communications Commission (FCC). Meets Class A radiated and conducted emission requirements of Section 2 of the Radio Interference Regulations of Communications Canada. IEC801-2, 3, 4 and EN55011 covering ESD, RFI Immunity, EFT/Burst and Radiated Emissions respectively for the Commission of the European Communities (CE).

#### Resistance to X-Rays:

Tested for protection against a 160kV dose @ 5mA for 30 seconds (150mA-sec) @ 38 inches F.F.D. (about 100 times that of an airport X-Ray machine). Tested for protection against Gamma Ray (equivalent to 0.137 - 1.38 mega volts) IR 192 - 28 curies @ 30 second exposure source to object distance 5".