

Pace Scientific XR5-SE Compact Data Logger

- Small, lightweight, 12 Bit resolution
- Memory capacity 64K or 256K
- Large range of sensors supported
- PSTN, GSM & Radio modems supported
- Alarm function with SMS text messaging
- Program from any Windows terminal
- Download to PC, palm pilot or printer



XR5-SE

Specification - XR5-SE Data

Inputs	4 voltage or current inputs, 0 - 5v, 4 - 20mA, 4 voltage 0-2.5v, 4-20mA, mV (see options),contact
Sensors Available	Interface to any sensor with a 0 - 2.5, 0 - 5v, or 4 - 20mA O/P. 5v and 2.5v excitation available from
Memory Capacity	64,000 readings (M Model 256,000 readings)
Logging Modes	Manual start/stop, log on trigger, start on preset time/date, timed cycle logging
Logging Rate	Programmable - 1 second to 24 hours and fast logging mode up to 1000Hz
Data Retention	Over 10 years with no power
Operating Range	-25 to +70 degrees C
Battery	2 x 3.6 volt lithium, battery life 2 years
Data Format	Graphic and CSV, suitable for export to Excel
Accuracy	+/- 0.2% with 12 bit resolution (4096 steps)
Communications	RS232— PSTN, GSM and radio modems supported, also Ethernet & USB with external adaptor.

Options:

- M extended memory to 256K
- 20mv XR5-SE with additional 0-10mv and 0-20mv range selections.
- 50mv XR5-SE with additional 0-25mv and 0-50mv range selections.
- 100mv XR5-SE with additional 0-50mv and 0-100mv range selections.
- 250mv XR5-SE with additional 0-125mv and 0-250mv range selections.
- 500mv XR5-SE with additional 0-250mv and 0-500mv range selections.
- 1000mv XR5-SE with additional 0-500mv and 0-1000mv range selections.



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Pace Scientific XR5-SE Compact Data Logger

LogXR Windows Software

XR5 Setup: C:\Documents and Settings\Jim Furness\ Pace \Setup\NewSetup.s8B

File Send

Main | Other | Ch1 | Ch2 | Ch3 | Ch4 | Ch5 | Ch6 | Ch7 | Ch8 | Pulse Channels |

General

Model: XR5-8B-SE FwRev: Unit ID:

Label: Omni Instruments

Log Mode

Log Mode: Immediate (Slow)

Start: 2003/5/29 12:43:00 Active: 0h, 1m, 0s

Stop: 2003/5/29 12:43:00 Pause: 0h, 1m, 0s

Log Interval

Slow Log Interval: 0 hr 0 min 1 sec

Fast Log Interval: 2 hertz

Sensor Excitation

Excitation Time: 30 ms

Setup Summary

Total Log Time: 17hr, 59m, 28s

Status: Ready

Simple setup menus for setting logging rate and mode

XR5 Setup: C:\Documents and Settings\Jim

File Send

Main | Other | Ch1 | Ch2 | Ch3 | Ch4 | Ch5 | C

General

Model: XR5-8B-SE FwRev: Unit ID

Label: Omni Instruments

Log Mode

Log Mode: Immediate (Slow)

Start: 200 Immediate (Slow) 0h, 1

Stop: 200 Immediate W/rap (Slow) 0h,

Log Interval

Slow Log In Preset (Slow)

Slow Log In Preset W/rap (Slow)

Fast Log In Cycle (Slow)

Fast Log In Log on Alarm (Slow)

Fast Log In Log on Ext. Trigger (Slow)

Sensor Excita Immediate (Fast)

Excitation T Preset (Fast)

Excitation T Cycle (Fast)

Excitation T Log on Alarm (Fast)

Excitation T Log on Ext. Trigger (Fast)

Data can be viewed real time and also downloaded to CSV file for viewing in Excel, Word etc.

XR5 Setup: C:\Documents and Settings\Jim Furness\ Pace \Setup\NewSetup.s8X

File Send

Main | Other | Ch1 | Ch2 | Ch3 | Ch4 | Ch5 | Ch6 | Ch7 | Ch8 | Pulse Channels |

Ch1 On/Off: On Description: Freezer 1B

Type: Temperature Mode: Standard

Slope: 1.0 Offset: 0.0

Alarm On/Off: Off Alarm High: -15 Alarm Low: -25

SMS Phone Number: 447802915020

SMS Message: Freezer 1B temperature alarm

Status: Ready

Each input channel can be given a label and scaled. Alarm levels can be set with SMS text messaging enabled

Real Time

Model: XR5-8X-SE FwRev: FwRev: 1.00.23

Mode: Standard Update Interval: 0 hr, 0 min, 2 s

Status: Ready to receive...

2003/5/29, 15:33:06, 25.37

2003/5/29, 15:33:08, 25.37

2003/5/29, 15:33:10, 25.10

2003/5/29, 15:33:12, 25.31

2003/5/29, 15:33:14, 25.28

2003/5/29, 15:33:16, 25.28