

Seven Channel Temperature Data Logger

SmartReader 6 is for easy temperature recording from J, K, S or T type thermocouples. Ideal for data logging temperatures over a very wide temperature range.

Features

- 7 channels
- 10-year battery life
- User-configurable
- Accessible remotely by modem
- Network capable

Product Specifications

No. of channels: Seven. (One internal thermistor for cold-junction compensation and six external thermocouple channels. Specify narrow or wide temperature range when ordering).

Accuracy: +/- 1% span + resolution

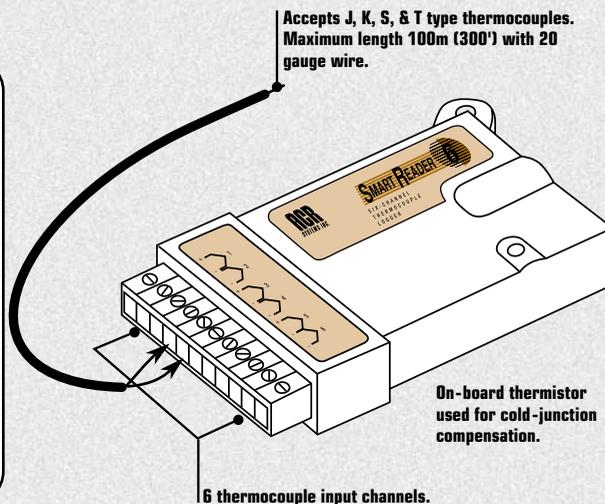
Memory Size: 32 KB.

Common Specifications: See page 6.

Software Specifications: See page 7.

Remote & Network Communications: See page 34.

Accessories: ACR Thermocouple wire. Any J, K, S, T type Thermocouple wire.



Thermocouple Temperature Range & Resolution for both SmartReader 6 models

THERMOCOUPLE TYPE	SR-006N		SR-006W	
	NARROW CHANNELS RANGE	NARROW CHANNELS RESOLUTION	WIDE CHANNELS RANGE	WIDE CHANNELS RESOLUTION
J	-20 to 190°C (0 to 370°F)	1.4°C (2.5°F)	-50 to 600°C (-55 to 1100°F)	5°C (9°F)
K	-25 to 230°C (-10 to 440°F)	1.7°C (3°F)	-100 to 900°C (-145 to 1650°F)	6.7°C (12°F)
S	0 to 960°C (32 to 1750°F)	7.0°C (12.6°F)	0 to 1760°C (32 to 3200°F)	23°C (41.5°F)
T	-35 to 200°C (-30 to 390°F)	1.7°C (3°F)	-200 to 400°C (-325 to 750°F)	6.7°C (12°F)

Order Information

MODEL	RANGE	MEMORY	CATALOG #
SR-006N	Narrow	32 KB	01-0029
SR-006W	Wide	32 KB	01-0030

Eight Channel Temperature Data Logger

The SmartReader Plus model 6 data logger provides easy and accurate temperature recording from J, K, S, T, and E type thermocouples. With 7 inputs and an on-board cold-junction thermistor, it is one of the most compact, multi-channel data recorder available. 12 bit resolution means the entire range of compatible thermocouples can be measured accurately.

Features

- 12 bit resolution
- 8 channels
- 10-year battery life
- Up to 128 KB memory
- User-configurable
- Accessible remotely by modem
- Network capable
- Up to 25 samples per second

Product Specifications

No. of channels: Eight. (One internal thermistor for cold-junction compensation and seven thermocouple inputs).

Accuracy: +/- 0.5% of span + resolution.

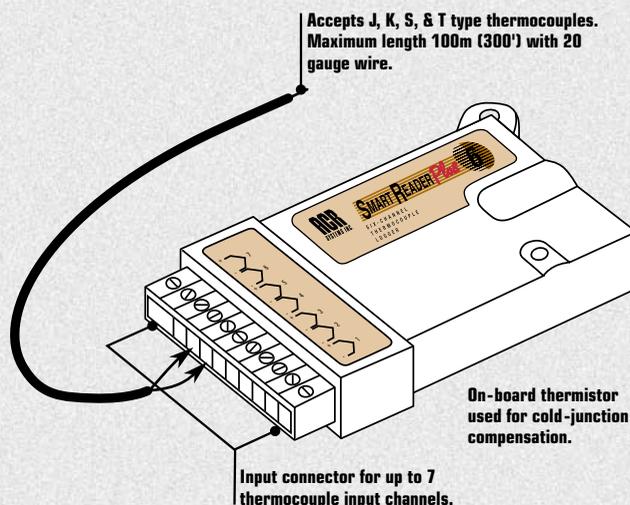
Memory Size: 32 KB and 128 KB and 1.5 MB.

Common Specifications: See page 8.

Software Specifications: See page 9.

Remote & Network Communications: See page 34.

Accessories: ACR Thermocouple wire. Any J, K, S, T, and E Thermocouple probe.



Thermocouple Temperature Range & Resolution.

THERMOCOUPLE TYPE	RANGE	RESOLUTION
J	-50 to 600°C (-55 to 1100°F)	0.30°C (0.55°F)
K	-100 to 900°C (-145 to 1650°F)	0.50°C (0.90°F)
S	0 to 1450°C (32 to 2642°F)	1.0°C (1.8°F)
T	-200 to 400°C (-325 to 750°F)	0.40°C (0.75°F)
E	-50 to 680°C (-58 to 1250°F)	0.24°C (0.44°F)

Order Information

MODEL	MEMORY	CATALOG #
SRP-006	32 KB	01-0013
SRP-006-128K	128 KB	01-0122
SRP-006-1.5M	1.5 MB	01-0151