XR5-SE Data Logger™

North American Price List

[USA, Canada, Mexico]

April 30, 2024

Pace Scientific
Data Loggers and Sensors

XR5-SE and Accessories - Domestic Price List

Data Loggers

XR5-SE Data Logger	Description	Price
XR5-SE	Eight 'universal' analog and 3 pulse channels, up to 63,642 readings	$479.
XR5-SE-M	Eight 'universal' analog and 3 pulse channels, up to 260,250 readings	$499.

Millivolt option: Adds two additional millivolt range selections and one internal precision temperature sensor (12th channel). All existing input ranges and capabilities of the XR5-SE are retained.

Add to model	Additional range selections available for each analog input
-20mv	0-10mv and 0-20mv
-50mv	0-25mv and 0-50mv
-100mv	0-50mv and 0-100mv
-250mv	0-125mv and 0-250mv
-500mv	0-250mv and 0-500mv
-1000mv	0-500mv and 0-1000mv

XR5-SE with any millivolt option		$549.
XR5-SE-M with any millivolt option		$569.

Cables

IC209	Interface Cable **(required)**	$25.
USB-A	USB Adapter (use with IC209 if your computer does not have a serial port)	$30.
ICE-12ft	Extension Cable, 12 ft (3.6 meters)	$15.

Temperature

All probes / sensors require no external power.

PT8xx Series Temperature Probes

PT820	Ring Terminal for surface and general temperature measurements, 20 inch leads	$15.
PT840	Miniature Probe, 0.08 inch dia., 0.375 inch length, 36 inch twisted leads	$25.
PT860	Nickel Plated Brass Probe 0.25 inch dia., 1.75 inch length, 10 ft cable	$75.

PT9xx Series Temperature Probes

PT916-4	SS sheath	1/8" dia. x 4" length	3 ft Teflon leads	$56.
PT916-6	SS sheath	1/8" dia. x 6" length	3 ft Teflon leads	$60.
CF916-1/8	SS compression fitting for any PT916 probe, 1/8 NPT male threads			$20.
PT960	SS sheath	0.236" dia. x 2" length	20 ft cable	$90.

Thermocouple Probe (requires XR5-SE with a millivolt option; -20mv or -50mv recommended)

PT450	J type; Stainless Steel sheath 1/8" dia. by 6" length, with 10 ft Teflon Cable	$82.

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Relative Humidity

Relative Humidity / Temperature Probe, 3% RH accuracy, 0.1°C interchangeability

TRH-100	1 ft leads	$205.
TRH-100-10FT	10 ft shielded cable	$222.
TRH-100-20FT	20 ft shielded cable	$238.

Electrical / Power

AC Current Sensors (split core, 0-5vdc output, 8 ft twisted leads)

SC20A	0-20 ac amps	Conductor clearance: 0.5" square (12.7 mm)	$110.
SC50A	0-50 ac amps	Conductor clearance: 0.5" square (12.7 mm)	$107.
SC100A	0-100 ac amps	Conductor clearance: 0.5" square (12.7 mm)	$105.
SC200A	0-200 ac amps	Conductor clearance: 1.0" square (25.4 mm)	$105.
SC500A	0-500 ac amps	Conductor clearance: 2.0" square (51 mm)	$135.
SC1000A	0-1000 ac amps	Conductor clearance: 4.0" square (102 mm)	$165.
SC1500A	0-1500 ac amps	Conductor clearance: 2.5" square (63 mm)	$173.

AC Voltage Sensor

SV300	0-300 ac volts	One-piece din-rail type module	$195.
DIN-120		DIN rail, 120 mm (4.72"). Accepts Pace AC Voltage Sensor	$7.

External Scaling Cables - see page 88 *

INP/2	Configurable Ranges: ±2.5vdc, ±5vdc, 0-10vdc, -2.5 to 7.5vdc	$22.
INP/4	Configurable Ranges: 0-10vdc, 0-20vdc, -7.5 to 12.5vdc	$22.
INP/6	Configurable Ranges: 0-15vdc, 0-30vdc, -12.5 to 17.5vdc	$22.
INP/12	Configurable Ranges: 0-30vdc, 0-60vdc, -27.5 to 32.5vdc	$22.

Current Loop Accessories - see page 93-94 *

INP-124	Precision Resistor Cable for 4-20ma current loop	$17.

* XR5-SE Users Guide

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Pressure

Pressure Sensors - P1600 Series (¼ NPT male, 10 ft cable)

P1600-vac-30	Range: Vac-30 psig	$175.
P1600-vac-150	Range: Vac-150 psig	$175.
P1600-vac-300	Range: Vac-300 psig	$175.
P1600-30	Range: 0-30 psig	$175.
P1600-50	Range: 0-50 psig	$175.
P1600-100	Range: 0-100 psig	$175.
P1600-200	Range: 0-200 psig	$175.
P1600-500	Range: 0-500 psig	$175.
P1600-1000	Range: 0-1000 psig	$175.
P1600-1500	Range: 0-1500 psig	$175.
P1600-2000	Range: 0-2000 psig	$175.
P1600-3000	Range: 0-3000 psig	$175.
P1600-5000	Range: 0-5000 psig	$175.
P1600-7500	Range: 0-7500 psig	$175.
P1600-10000	Range: 0-10,000 psig	$175.
P1600-14500	Range: 0-14,500 psig	$175.

Pressure Sensors - P1650 Series (¼ NPT male, 10 ft cable)

P1650-5	Range: 0-5 psig (0-138 inches H2O)	$231.
P1650-15-A	Range: 0-15 psia (absolute pressure)	$231.
P1650-30-A	Range: 0-30 psia (absolute pressure)	$231.
P1650-vac-0	Range: Vac-0 psig	$231.

Pressure Sensors – P400 Series (accepts 3/32" I.D. tubing or 1/8" I.D. with included tube adapters)

P400-D-2-inch	Range: ±2 inch H2O (±5 millibar)	$180.
P400-D-15-psi	Range: ±15 psig	$180.
P400-D-30-psi	Range: ±30 psig	$180.
P400-A-15-psi	Range: 0-15 psia (Absolute Pressure)	$180.

Pressure Sensors – P600 Series (accepts 2.4 mm I.D. tubing or 3.2 mm I.D. with included adapters)
Pressure Media: Dry air or inert gases

P600-D-5-inch	Range: ±5 inch H2O	(±12.5 millibar)	$180.
P600-D-10-inch	Range: ±10 inch H2O	(±25 millibar)	$180.
P600-D-1-psi	Range: ±1 psig	(±27.7 inch H2O)	$180.

T-332-25FT	3/32" I.D. Tubing, 25 ft (7.6 meter) roll (optional) for P400 and P600 Sensors	$10.

Barometric Pressure Sensor

P500-BARO	Absolute Pressure Range: 15 to 130 kPa (2.2 to 18.9 psia)	$160.

MB-4500	Mounting Base (optional) for all P400 and P500-BARO Sensor	$12.

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Environmental

Solar Radiation Sensor

SRS-200	Output: 0-2.5v (0-1250 Watts / Square Meter); 16 ft (5 m) cable	$298.
SRS-LB	Combination Leveling Plate and Stainless Steel Mounting Bracket for SRS-200	$79.

Rainfall Sensor

RS-110	Pulse output, 0.2mm rainfall per pulse; 40 ft (12 m) cable	$160.
RS-120	Pulse output, 0.01 inches rainfall per pulse; 40 ft (12 m) cable	$160.

Wind Speed and Direction Sensor

WSD-100	Wind speed: pulse output; wind direction: analog output; 40 ft (12 m) cable	$245.

Extension Cables (extends the RS-110 or WSD-100 cable)

WE-40	Weatherproof extension cable, 40 ft	$18.
WE-100	Weatherproof extension cable, 100 ft	$40.

Acceleration / Vibration

SA series Accelerometers

Model	Range	Cable Length	Temperature Sensor	
SA-03	±3 g	8 ft (2.4 m)	Yes	$225.
SA-03-30FT	±3 g	30 ft (9.1 m)	Yes	$250.
SA-16	±16 g	8 ft (2.4 m)	Yes	$225.
SA-16-30FT	±16 g	30 ft (9.1 m)	Yes	$250.

Weatherproof Cases

EC24 Low Profile Weatherproof Case: Two (2) cable glands. Overall size: 8.1" x 3.9" x 2.5"
EC24 web page

EC24-BLK	Standard EC24 Case, color: Black	$50.
EC24-BLK-IC	EC24 with built-in communication cable (1 cable gland available for sensors)	$70.
EC24-BLK-BP	EC24 with battery holder for AA cells and short comm. cable for Wireless Link	$73.

EC45 Compact Weatherproof Case: Nine (9) cable glands. Overall size: 6.5" x 5" x 3.3"
EC45 web page

EC45	Standard EC45 Case, color: Blue	$68.
EC45-IC	EC45 with built-in communications cable (8 cable glands available for sensors)	$88.

EC55 Heavy Duty Weatherproof Case: Six (6) cable glands. Overall size: 8.2" x 6.5" x 3.5"
EC55 web page

EC55	Standard EC55 Case, color: Blue	$90.
EC55-IC	EC55 with built-in communications cable (5 cable glands available for sensors)	$115.

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Ethernet Connectivity

Ethernet connectivity - see pages 59-60 *
>   *Each XR5 connected to an Ethernet LAN requires one DS100 and one IC209 Interface Cable*

DS100	Ethernet Module (includes PS-12V Power Supply with USA Plug)	$160.
DS100-POE	Ethernet Module with Power over Ethernet option (optional PS-12V Power Supply listed below)	$160.
PS-9V-P	Ethernet Module power supply: 120 VAC input, USA plug *(required if DS100-POE is used with an unpowered Ethernet cable.)*	$20.
IC-ES	Setup Cable (6 ft) for DS100 Ethernet Module (required for initial setup only)	$10.
IC209	Interface Cable, 5 ft length	$20.

>   *A Cat5 cable to connect DS100 to Ethernet LAN is not included with DS100;*
>   *Cat5 cables are available in assorted lengths from retail computer suppliers.*

* XR5-SE Users Guide

External Power Supply

Powers all XR5 Data Loggers

PS-9V	9 VDC regulated power supply, 100-120 VAC, 50-60 Hz input, US plug. Leads connect to XR5 screw terminals Q and C.	$20.

Spare Parts

TB-20	XR5 Terminal Block, 20 position	$13.

Replacement battery for XR5-SE Data Logger, two required

U3.6V-AA	Battery, Lithium AA size, 3.6v	$10.

Replacement battery for XR5-8 Data Logger (earlier generation XR5 Data Logger), two required

U3.6V-1/2AA	Battery, Lithium 1/2AA size, 3.6v	$8.

>   *Export price list is located at www.pace-sci.com/XR5-SE-Export.pdf*

>   *Prices subject to change without notice. Updated April 30, 2024*