



XR5-SE Data Logger™

Domestic Price List

October 18, 2018

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XR5-SE and Accessories - Domestic Price List

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Data Loggers

XR5-SE Data Loggers	<u>Description</u>	<u>Price</u>
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.

<u>Add to model</u>	<u>Additional range selections available for each analog input</u>
-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	\$539.
XR5-SE-M with any millivolt option	\$559.

Cables

IC209	Interface Cable (required)	\$20.
USB-A	USB Adapter (use with IC209 if your computer does not have a serial port)	\$25.
ICE-12ft	Extension Cable, 12 ft (3.6 meters)	\$12.

Wireless Link

WTP-100	Wireless Link - range of up to 30 meters indoors, 100 meters outdoors Includes battery cable for XR5 side and AC power adapter (120vac). Weatherproof cases for battery-powered Wireless Link + XR5 on page 4.	\$250.
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Temperature

All probes / sensors require no external power.

[Temperature Probes](#), 0.1°C interchangeability

PT907	Epoxy body	0.127" dia. x 0.37" length	4 ft cable	\$20.
PT916-4	SS sheath	1/8" dia. x 4" length	3 ft Teflon leads	\$44.
PT916-6	SS sheath	1/8" dia. x 6" length	3 ft Teflon leads	\$46.
PT916-12	SS sheath	1/8" dia. x 12" length	3 ft Teflon leads	\$52.
CF916-1/8	SS compression fitting for any PT916 probe, 1/8 NPT male threads			\$16.
PT960	SS sheath	0.236" dia. x 2" length	20 ft cable	\$54.

[High Temperature Sensors](#), size: 0.2" x 0.6" x 0.08" for air or surface temperature applications

PT510	Max. Continuous Temperature: 200°C (392°F)	40" Teflon leads	\$65.
PT520	Max. Continuous Temperature: 260°C (500°F)	40" Teflon leads	\$70.

[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	\$63.
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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	\$220.
TRH-100-20FT	20 ft shielded cable	\$225.
TRH-100-50FT	50 ft shielded cable	\$240.

Electrical / Power

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

SC10A	0-10 ac amps	Conductor clearance: 0.5" square (12.7 mm)	\$105.
SC20A	0-20 ac amps	Conductor clearance: 0.5" square (12.7 mm)	\$102.
SC50A	0-50 ac amps	Conductor clearance: 0.5" square (12.7 mm)	\$98.
SC100A	0-100 ac amps	Conductor clearance: 0.5" square (12.7 mm)	\$98.
SC200A	0-200 ac amps	Conductor clearance: 1.0" square (25.4 mm)	\$98.
SC500A	0-500 ac amps	Conductor clearance: 2.0" square (51 mm)	\$126.
SC1000A	0-1000 ac amps	Conductor clearance: 4.0" square (102 mm)	\$155.
SC1500A	0-1500 ac amps	Conductor clearance: 2.5" square (63 mm)	\$163.

[DC Current Sensors](#) (0-5vdc output, accepts ring terminals for two ¼-20 studs, 10 ft signal cable)

DC05A	±5 dc amps	\$165.
DC20A	±20 dc amps	\$165.
DC50A	±50 dc amps	\$165.
DC100A	±100 dc amps	\$165.
DC150A	±150 dc amps	\$165.
DC200A	±200 dc amps	\$165.

[AC Voltage Sensors](#)

SV300	0-300 ac volts	One-piece din-rail type module	\$195.
SV600	0-600 ac volts	Din-rail type module + ext. matching transformer	\$230.

[DC Voltage Sensors](#)

DC-36V	4-36 Vdc	Isolated DC Voltage Sensor	\$115.
DC-72V	4-72 Vdc	Isolated DC Voltage Sensor	\$115.

DIN-120 DIN rail, 120 mm (4.72"). Accepts Pace AC and DC Voltage Sensors \$7.

External Scaling Cables - see page 88 *

INP/2	Configurable Ranges: ±2.5vdc, ±5vdc, 0-10vdc, -2.5 to 7.5vdc	\$20.
INP/4	Configurable Ranges: 0-10vdc, 0-20vdc, -7.5 to 12.5vdc	\$20.
INP/6	Configurable Ranges: 0-15vdc, 0-30vdc, -12.5 to 17.5vdc	\$20.
INP/12	Configurable Ranges: 0-30vdc, 0-60vdc, -27.5 to 32.5vdc	\$20.
INP/24	Configurable Ranges: 0-60vdc, -57.6 to 62.6vdc	\$20.

Current Loop Accessories - see page 93-94 *

INP-124	Precision Resistor Cable for 4-20ma current loop	\$15.
ES-1	External Switch, 1500 Vac isolation, potted housing (see page 88)	\$70.

* [XR5-SE Users Guide](#)

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Watt Hour Sensors – single or 3 phase loads *Contact Pace for separate WattHour catalog and price list.*

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.
P1600-20000	Range: 0-20,000 psig	\$175.

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

P1650-5	Range: 0-5 psig (0-138 inches H2O)	\$220.
P1650-15	Range: 0-15 psig	\$220.
P1650-15-A	Range: 0-15 psia (absolute pressure)	\$220.
P1650-30-A	Range: 0-30 psia (absolute pressure)	\$220.
P1650-vac-0	Range: Vac-0 psig	\$220.
P1650-vac-15	Range: Vac-15 psig	\$220.

Pressure Sensor – P300 (accepts 1/8" I.D. tubing)

P300-30-psi-A	Range: 0-30 psia (Absolute Pressure)	\$170.
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Pressure Sensors - P350 Series (accepts 3/32" I.D. tubing or 1/8" I.D. with included tube adapters)

P350-D-0.1-inch	Range: ±0.1 inch H2O (±0.25 millibar)	\$180.
P350-D-0.5-inch	Range: ±0.5 inch H2O (±1.25 millibar)	\$180.
P350-D-1-inch	Range: ±1 inch H2O (±2.5 millibar)	\$180.
P350-D-5-inch	Range: ±5 inch H2O (±12.5 millibar)	\$180.
P350-D-10-inch	Range: ±10 inch H2O (±25 millibar)	\$180.

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)	\$140.
P400-D-1-psi	Range: ±1 psi (±27.7 inch H2O)	\$140.
P400-D-15-psi	Range: ±15 psig	\$140.
P400-D-30-psi	Range: ±30 psig	\$140.

P400-A-15-psi	Range: 0-15 psia (Absolute Pressure)	\$140.
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MB-4500	Mounting Base (optional)	\$12.
T-332-25FT	3/32" I.D. Tubing, 25 ft (7.6 meter) roll (optional)	\$10.

Pressure

Pressure Sensors – P450 Series (accepts 3/32” I.D. tubing or 1/8” I.D. tubing with included adapter)

P450-G-5-inch	Range: 0-5 inch H ₂ O (0-12.5 millibar)	\$140.
P450-G-1-psi	Range: 0-1 psig (0-27.7 inch H ₂ O)	\$140.
P450-G-5-psi	Range: 0-5 psig	\$140.
P450-G-30-psi	Range: 0-30 psig	\$140.

Barometric Pressure Sensor (accepts 3/32” I.D. tubing or 1/8” I.D. with included tube adapter)

P500-BARO	Absolute Pressure Range: 15 to 130 kPa (2.2 to 18.9 psia)	\$140.
MB-4500	Mounting Base (optional)	\$12.
T-332-25FT	3/32” I.D. Tubing, 25 ft (7.6 meter) roll (optional)	\$10.

Environmental

Soil Moisture Sensor

EC5	5 cm active length, 16 ft (5 m) cable	\$115.
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Solar Radiation Sensor

SRS-200	Output: 0-2.5v (0-1250 Watts / Square Meter); 16 ft (5 m) cable	\$250.
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Rainfall Sensor

RS-110	Pulse output, 0.01” or 0.2mm rainfall per pulse; 40 ft (12 m) cable	\$100.
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Wind Speed and Direction Sensor

WSD-100	Wind speed: pulse output; wind direction: analog output; 40 ft (12 m) cable	\$145.
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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.

Light Sensor (not recommended for high accuracy applications)

LS100-4FT	4 ft cable	\$25.
LS100-15FT	15 ft cable	\$33.

Acceleration / VibrationSA series Accelerometers

Model	Range	Cable Length	Temperature Sensor	
SA-03	±3 g	8 ft (2.4 m)	No	\$150.
SA-03-30FT	±3 g	30 ft (9.1 m)	No	\$175.
SA-03-T	±3 g	8 ft (2.4 m)	Yes	\$170.
SA-03-T-30FT	±3 g	30 ft (9.1 m)	Yes	\$195.
SA-16	±16 g	8 ft (2.4 m)	No	\$150.
SA-16-30FT	±16 g	30 ft (9.1 m)	No	\$175.
SA-16-T	±16 g	8 ft (2.4 m)	Yes	\$170.
SA-16-T-30FT	±16 g	30 ft (9.1 m)	Yes	\$195.

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-YEL	Standard EC24 Case, color: Yellow	\$50.
EC24-YEL-IC	EC24 with built-in communication cable (1 cable gland available for sensors)	\$70.
EC24-YEL-BP	EC24 with battery holder for AA cells and short comm. cable for Wireless Link	\$73.
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.
EC45-BP	EC45 with battery holder for C cells and short comm. cable for Wireless Link	\$102.

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	\$68.
EC55-IC	EC55 with built-in communications cable (5 cable glands available for sensors)	\$88.
EC55-BP	EC55 with battery holder for D cells and short comm. cable for Wireless Link	\$106.

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Connectivity: Ethernet / Land Line / Cellular

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)	\$130.
DS100-POE	Ethernet Module with Power over Ethernet option (optional PS-12V Power Supply listed below)	\$130.
PS-12V	Ethernet Module power supply: 120 VAC input, USA plug (<i>required if DS100-POE is used with an unpowered Ethernet cable.</i>)	\$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.

Modem cables - see page 105 *

IC211	Connects XR5 to Zoom 2836 Data/Fax modem	\$24.
ICW-15	Connects XR5 to Multitech MTCBA-G-F4 GSM cellular modem.	\$30.

Note: The above modems are not stocked at Pace

* [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.	\$20.
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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 October 18, 2018