

XR5-SE Data Logger™

Export Price List

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Data Loggers

All prices in US dollars

XR5 Data Logger	Description	Price
XR5-SE	Eight 'universal' analog and 3 pulse channels, up to 63,642 readings	\$527.
XR5-SE-M	Eight 'universal' analog and 3 pulse channels, up to 260,250 readings	\$549.

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.

To specify,

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	\$593.
XR5-SE-M with any millivolt option	\$615.

Cables

IC209	Interface Cable (required)	\$28.
USB-A	USB Adapter (use with IC209 if your computer does not have a serial port)	\$33.
ICE-12ft	Extension Cable, 3.6 meters	\$17.

Temperature

All probes / sensors require no external power.

[PT8xx Series Temperature Probes](#)

PT820	Ring Terminal for surface and general temperature measurements, 20 inch leads	\$17.
PT840	Miniature Probe, 0.08 inch dia., 0.375 inch length, 36 inch twisted leads	\$28.
PT860	Nickel Plated Brass Probe 0.25 inch dia., 1.75 inch length, 10 ft cable	\$83.

[PT9xx Temperature Probes](#)

PT916-4	SS sheath	3.18 mm dia. x 101 mm length	0.9 meter Teflon leads	\$62.
PT916-6	SS sheath	3.18 mm dia. x 152 mm length	0.9 meter Teflon leads	\$66.
CF916-1/8	SS compression fitting for PT916 probe, 1/8 NPT male threads			\$22.
PT960	SS sheath	6 mm dia. x 50 mm length	6 meter cable	\$99.

[Thermocouple Probe](#) (requires XR5-SE with -20mv or -50mv millivolt option)

PT450	J type; Stainless Steel 3.18 mm dia. x 152 mm length, 3 meter Teflon Cable	\$91.
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Relative Humidity

[Relative Humidity / Temperature Probe](#), 3% RH accuracy, 0.1°C interchangeability

TRH-100	0.3 meter leads	\$225.
TRH-100-10FT	3 meter shielded cable	\$244.
TRH-100-20FT	6 meter shielded cable	\$262.

Electrical / Power

[AC Current Sensors](#) (split core, 0-5 vdc output, 2.4 meter twisted leads)

SC20A	0-20 AC amps	Conductor clearance: 12.7 mm	\$121.
SC50A	0-50 AC amps	Conductor clearance: 12.7 mm	\$118.
SC100A	0-100 AC amps	Conductor clearance: 12.7 mm	\$116.
SC200A	0-200 AC amps	Conductor clearance: 25.4 mm	\$116.
SC500A	0-500 AC amps	Conductor clearance: 51 mm	\$149.
SC1000A	0-1000 AC amps	Conductor clearance: 102 mm	\$182.
SC1500A	0-1500 AC amps	Conductor clearance: 63 mm	\$191.

[AC Voltage Sensor](#)

SV300	0-300 AC volts	One-piece din-rail type module	\$215.
DIN-120	DIN rail, 120 mm (4.72"). Accepts Pace AC Voltage Sensor		\$8.

External Scaling Cables - see page 88 *

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

Current Loop Accessories - see page 93-94 *

INP-124	Precision 124 ohm Cable for 4-20 ma current loop	\$19.
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* [XR5-SE Users Guide](#)

Pressure

Pressure Sensors – P1600 Series (¼ NPT male, 3 meter cable)

P1600-vac-30	Range: Vac-2.06 bar	\$193.
P1600-vac-150	Range: Vac-10 bar	\$193.
P1600-vac-300	Range: Vac-20 bar	\$193.
P1600-30	Range: 0-2.06 bar	\$193.
P1600-50	Range: 0-3.4 bar	\$193.
P1600-100	Range: 0-6.9 bar	\$193.
P1600-200	Range: 0-13.7 bar	\$193.
P1600-500	Range: 0-34.4 bar	\$193.
P1600-1000	Range: 0-68.9 bar	\$193.
P1600-1500	Range: 0-103 bar	\$193.
P1600-2000	Range: 0-137 bar	\$193.
P1600-3000	Range: 0-206 bar	\$193.
P1600-5000	Range: 0-344 bar	\$193.
P1600-7500	Range: 0-517 bar	\$193.
P1600-10000	Range: 0-689 bar	\$193.
P1600-14500	Range: 0-1000 bar	\$193.

Pressure Sensors - P1650 Series (¼ NPT male, 3 meter cable)

P1650-5	Range: 0-5 psig (0-138 inches H2O)	\$242.
P1650-15-A	Range: 0-15 psia (absolute pressure)	\$242.
P1650-30-A	Range: 0-30 psia (absolute pressure)	\$242.
P1650-vac-0	Range: Vac-0 psig	\$242.

Pressure Sensors – P400 Series (accepts 2.4 mm I.D. tubing or 3.2 mm I.D. with included adapters)

Pressure Media: Dry air or inert gases		
P400-D-2-inch	Range: ±5 mbar (±2 inch H2O)	\$198.
P400-D-15-psi	Range: ±15 psig	\$198.
P400-D-30-psi	Range: ±30 psig	\$198.
P400-A-15-psi	Range: 0-15 psia (Absolute Pressure)	\$198.
MB-4500	Mounting Base (optional) for P400 or P500-BARO	\$13.

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)	\$198.
P600-D-10-inch	Range: ±10 inch H2O (±25 millibar)	\$198.
P600-D-1-psi	Range: ±1 psig (±27.7 inch H2O)	\$198.
T-332-25FT	2.38 mm (3/32") I.D. Tubing, 7.5 meter roll (optional) for P400 or P600 Sensors	\$11.

Barometric Pressure Sensor

Pressure Media: Dry or moist air or inert gases		
P500-BARO	Absolute Pressure Range: 15 to 130 kPa (2.2 to 18.9 psia)	\$176.
MB-4500	Mounting Base (optional) for P400 or P500-BARO	\$13.

Environmental

[Solar Radiation Sensor](#)

SRS-200	Output: 0-2.5v (0-1250 Watts / Square Meter); 16 ft (5 m) cable	\$328.
SRS-LB	Combination Leveling Plate and Stainless Steel Mounting Bracket for SRS-200	\$87.

[Rainfall Sensor](#)

RS-110	Pulse output, 0.2 mm rainfall / pulse; 12 meter cable	\$176.
RS-120	Pulse output, 0.01" rainfall / pulse; 12 meter cable	\$176.

[Wind Speed and Direction Sensor](#)

WSD-100	Wind speed: pulse output; wind direction: analog output; 12 meter cable	\$270.
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Extension Cables (extends the RS-110 or WSD-100 cable)

WE-40	Weatherproof extension cable, 12 meter (40 ft)	\$20.
WE-100	Weatherproof extension cable, 30 meter (100 ft)	\$44.

Acceleration / Vibration

[SA series Accelerometers](#)

Model	Range	Cable Length	Internal Temperature Sensor	
SA-03	±3 g	2.4 meter	Yes	\$248.
SA-03-30FT	±3 g	9.1 meter	Yes	\$275.
SA-16	±16 g	2.4 meter	Yes	\$248.
SA-16-30FT	±16 g	9.1 meter	Yes	\$275.

Weatherproof Cases

EC24 Low Profile Weatherproof Case: Two (2) cable glands. Overall size: 206 x 99 x 63 mm

[EC24 web page](#)

EC24-BLK	Standard EC24 Case, color: Black	\$55.
EC24-BLK-IC	EC24 with built-in communication cable (1 cable gland available for sensors)	\$77.
EC24-BLK-BP	EC24 with battery holder for AA cells and short comm. cable for Wireless Link	\$80.

EC45 Compact Weatherproof Case: Nine (9) cable glands. Overall size: 165 x 127 x 83 mm

[EC45 web page](#)

EC45	Standard EC45 Case, color: Blue	\$75.
EC45-IC	EC45 with built-in communications cable (8 cable glands available for sensors)	\$97.

EC55 Heavy Duty Weatherproof Case: Six (6) cable glands. Overall size: 210 x 168 x 92 mm

[EC55 web page](#)

EC55	Standard EC55 Case, color: Blue	\$99.
EC55-IC	EC55 with built-in communications cable (5 cable glands available for sensors)	\$127.

Ethernet Connectivity

Ethernet Connectivity - see pages 59-60 *

Each XR5 connected to an Ethernet LAN requires one DS100 and one IC209 Cable

DS100-U	Ethernet Module (includes PS-9V-UP universal power supply)	\$176.
DS100-POE	Ethernet Module with Power over Ethernet option (does not include PS-9V-UP Power Supply listed below)	\$176.
PS-9V-UP	9 VDC regulated power supply, 90-260 VAC input, with interchangeable plugs for North America, Europe, United Kingdom and Australia <i>(required if using the DS100-POE with an unpowered Ethernet cable).</i>	\$30.
IC209	Interface Cable	\$22.
IC-ES	Setup Cable for DS100 Ethernet Module (required for initial DS100 setup)	\$11.

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-UT	9 VDC regulated power supply, 90-260 VAC input, with interchangeable plugs for North America, Europe, United Kingdom and Australia. Leads connect to XR5 screw terminals Q and C.	\$33.
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Spare Parts

TB-20	XR5 Terminal Block, 20 position	\$15.
Replacement battery for XR5-SE Data Logger, two required		
U3.6V-AA	Battery, Lithium AA size, 3.6v	\$12.
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	\$10.

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