

SUTRON XLite Data Recorder in Enclosure

Product #:	**9210-ENC-B**
USD Price:	Contact Hach

The XLite 9210 Datalogger, a high performance data recorder & communications device for unattended, remote data acquisition, control & communications, is a multi-tasking logger with a 32 bit processor capable of making measurements & communicating simultaneously. XLite provides unparalleled sensor support through expansive I/O's & built-in program libraries. Analog & digital modules plug into the I2C port. Support is also provided for single voltage, differential voltage, resistance, 4-20mA, frequency, counter, binary, binary alarm, greycode binary, smart serial (RS-232 and RS-485), SDI-12, etc.

With 32 MB of Flash disk for storage, the Xpert also has 4 communications serial ports for satellite transmitters, modems, radios & other serial communication devices.

Xlite provides a 2-line LCD character display & 3 front panel control

buttons, making it very simple to view data & make minor Setup

changes in the field.

Get data w/any communication interface, USB or SD memory card.

Versatile
Connect a wide variety of sensors to the system using built-in high-precision

analog & digital interfaces as well as via RS232, RS485, & SDI-12.

Easy to use
View data, calibrate & adjust the XLite using its built-in LCD & buttons.

Locally or remotely, all 9210 functionality is accessed through communications ports using easy to-understand set-up, data display & system

maintenance GUIs.

Easy to customize
Easily customize with BASIC or C++ routines to invigorate

any hydrological, meteorological &/or control application.

Specifications

Analog Output:	10 channels (expandable via 1 C and SDI-12)

Communication:	4 simultaneous communications. RS232 for communications. Telemetry: Satlink2, Sutron Data & Voice Modem, Radio, Direct Connect, GPRS, IRIDIUM, MODBUS, & custom devices via BASIC
Digital Outputs:	8 (6 Bi-Directional, 2 input only)
Dimensions:	Standard: Height: 11 in (28 cm) Length: 6 in (15.3 cm) Width: 3 in (7.7 cm) Weight: 2 lbs (0.9 Kg) Shipping: Height: 14 in (35.6 cm) Length: 10 in (25.4 cm) Width: 6 in (15.3 cm) Weight: 5 lbs (2.3 Kg)
Display:	Display type: 2x20 character sunlight-readable backlit LCD. Keyboard type: 3 buttons.
Ethernet Capable:	Built-in Ethernet support
Input Voltage:	-0.1 - 5V with respect - ground, single ended or differential
Inputs:	Digital inputs: 6 (2 Bi-Directional) Functions supported: Inputs: status, counter, frequency, quadrature
Measurement Method:	Measurements supported: Unlimited
Measuring Interval:	1.0 s - 24 h (programmable)
Memory:	Built-in: Non-volatile memory: 65MB (1 - 3 million readings), RAM: 32 MB SD Card: Download data & read/write setups or additional log memory
Modem:	No
Nema Enclosure:	Yes
Number of Serial Ports:	0
Operating Temperature Range:	-40 - +140 °F (-40 - +60 °C)
Power Supply:	Requirements: 10-16VDC (20VDC max). Current drain: Typically 3mA standby, 40mA active
Programming:	Menu driven setup, Expanded complexity via BASIC, Custom capability via C++
Protocol:	Communication protocols accepted: SSP (Sutron Standard Protocol), MODBUS, MODEM, Telnet, HTTP, FTP, DHCP, DNS, SLIP, PPP, & custom via Basic (RS-232, TCP, & UDP)
Radio:	No
Resolution:	Analog resolution: 16 bit
RS485:	No
Satlink:	No