



## SUTRON XPert, 8 Comms

**Product #:** 8080-0001-2B

**USD Price:** Contact Hach

The Xpert, a high performance datalogger & communications device for unattended, remote, real-time data acquisition & control, is a multitasking logger capable of making measurements & transmitting multiple communications simultaneously. Xpert's Graphical User Interface (GUI) & removable memory make Xpert a perfect option for those needing easy-touse touchscreen navigation & programming plus the ability to transfer data via SD card or USB devices.

### **Simple**

Extremely easy to use.

### **Flexible**

Retrieve data using any communication interface, USB or SD

memory cards.

### **Easy set-up**

No programming background or experience necessary.

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## Specifications

|                  |  |
|------------------|--|
| Analog Inputs:   | Optional via I2C modules   |
| Communication:   | 4 RS232 for communications.<br><br>Telemetry: Satlink3, Sutron Data & Voice Modem, Radio, Direct Connect, GPRS, IRIDIUM, MODBUS, & custom devices via BASIC  |
| Digital Outputs: | Optional via I2C modules   |
| Dimensions:      | Standard:<br><br>Height: 8.5 in (21.6 cm)<br><br>Length: 6.5 in (16.6 cm)<br><br>Width: 2.5 in (6.4 cm)<br><br>Weight: 2 lbs (0.9 Kg)<br><br>Shipping:<br><br>Height: 14 in (35.6 cm)<br><br>Length: 10 in (25.4 cm) |

|                              |   |
|------------------------------|---|
|                              | Width: 6 in (15.3 cm)   |
|                              | Weight: 5 lbs (2.3 Kg)  |
| Display:                     | No  |
| Ethernet Capable:            | Built-in 802.3 10BaseT  |
| Inputs:                      | Optional via I2C modules  |
| Measurement Method:          | Measurements supported: Unlimited   |
| Measuring Interval:          | 1.0 second to 24 hours (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   |
| Number of Serial Ports:      | 8   |
| 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, YMODEM, Telnet, HTTP, FTP, DHCP, DNS, SLIP, |
|                              | PPP, & custom via Basic (RS-232, TCP, & UDP)  |
| RS485:                       | No  |