

DSP DATA STATION PLUS



Starts at
\$499



- **Converts Numerous Protocols Simultaneously**
- **Extensive Built-In Driver List Allows Easy Data Mapping To PLCs, PCs, and SCADA Systems**
- **10 Base-T/100base-TX Ethernet Port Supports 4 Simultaneous Protocols**
- **Independent Serial Ports Provide Virtually Unlimited Integration Methods**

The Data Station Plus was designed to provide all of the features of the G3 series HMIs, without a display. Now features such as data logging, protocol conversion and remote machine monitoring and control can be added to any equipment. The Data Station Plus acts as a nexus for industrial data collection and management. With three built-in serial ports and a 10 Base-T/100 Base-TX Ethernet port, the unit performs protocol conversion, allowing disparate devices to communicate seamlessly with one another. The Ethernet port supports up to four protocols simultaneously so even Ethernet to Ethernet conversion may be performed. The CompactFlash® card allows new configuration files to be loaded into the Data Station Plus. The USB port may be used for blazing fast file downloads, or to mount the Data Station's CompactFlash® card as an external drive to your PC. The Data Station's DIN rail mounting saves time and panel space and snaps easily onto standard top hat (T) profile DIN rail.

The DSPSX000 and DSPGT000 offers several additional features beyond those offered by the DSPLE000. The CompactFlash® card allows data to be collected and stored for later review. The files are stored in simple CSV file format allowing common applications, such as Microsoft Excel and



DSPLE000, \$499, shown smaller than actual size.

Access, to view and manage the data. The free Websync utility provides a means to synchronize the files with a PC's hard drive for permanent storage.

The built-in Web server allows log files to be retrieved manually, and also provides access

to the unique "virtual HMI". The virtual HMI is programmed just like Red Lion's G3 Series of HMI. Any standard Web browser such as Internet Explorer or Netscape may be used to monitor or control the HMI from a PC anywhere in the world.

To Order (Specify Model Number)

AVAILABLE FOR FAST DELIVERY!

| MODEL NO. | PRICE | DESCRIPTION |
|-----------------|--------------|---|
| DSPLE000 | \$499 | Data station plus, multiple protocol converter (only) |
| DSPSX000 | 899 | Data station plus with multiple protocol converter, data logger, web server, virtual HMI up to QVGA (320 x 240) size and expansion slot |
| DSPGT000 | 1199 | Data station plus with multiple protocol conversion, data logger, web server, virtual HMI (640 x 480) size and expansion slot with increased DRAM |
| G3CF064M | 90 | 64 MB compact flash card (industrial grade) |
| G3CF256M | 235 | 256 MB compact flash card (industrial grade) |
| G3CF512M | 368 | 512 MB compact flash card (industrial grade) |
| SFCRM200 | 62 | Crimson programming software, manual and USB cable |
| PSDR0100 | 129 | DIN rail power supply, 24 Vdc, 1 A |
| CBLPROG0 | 41 | RS232 programming cable |
| CBLUSB00 | 26 | USB programming cable (included with SFCRM200) |
| CB(*) | 41 | Communication cables (see page 21 for specific cable model number) |

Comes with installation manual.

Ordering Example: DSPSX000, data station plus with multiple protocol converter, data logger, web server and virtual HMI, PSDR0100, DIN rail mount power supply, \$899 + 129 = \$1028.

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• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485, Ethernet and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters