

Tesco Controls, Inc.

L1000G™ Gateway with Smart I/O

Remote I/O and Communications Gateway Device



- Multi-protocol conversion via any serial or Ethernet port
- Modbus TCP unsigned integer, signed integer and floating point
- Daisy-chain up to 16 mixed I/O modules
- Anodized aluminum enclosure for industrial strength durability
- 180°F Ambient temperature operation.
- Pull-Apart terminal blocks

The L1000G™ is an inexpensive communications gateway device with the ability to bridge multiple communication protocols across Ethernet and RS232 ports.

With the Modbus TCP and Modbus RTU protocols, combined with multiple communication ports, the fully programmable L1000G offers the flexibility to utilize a wide range of equipment such as PLCs, OITs, instrumentation, power monitors, and radios. With an I/O expansion module, the L1000G becomes a perfect fit for remote I/O sites.

As the latest addition to Tesco's industry-standard Liquitronic product line, the L1000G features up to 8MB of flash memory, Ethernet, integrated security and an extended Tesco PLC feature set.

The L1000G (and optional LED display) can operate in the harshest environments with temperatures in excess of 180° F, ideal characteristics for SCADA RTU and small pump station applications.

All of these unique features combined with Tesco's legendary service and support makes the L1000G an essential component in your water or wastewater control system.

Features

- DIN rail mountable with durable enclosure
- Small Footprint
- 2MB static RAM
- 8MB flash memory
- 3 high speed RS-232 serial ports
- 1 Ethernet port
- All ports RJ45 with XMT / RCV lights and RTS, CTS, CD indicators
- DO output current: 2A, AI/AO 4-20 mA, Optically isolated DI.

Protocols:

- Data Express® over Ethernet
- Data Express Plus® over Ethernet
- Modbus RTU
- Modbus TCP/IP
- ASCII

Options:

- L2000® small or large display
- Extended I/O modules with integrated terminal block (1AO, 2AI, 4DI, 3DO)
- Single 12V DIN rail mountable power supply



EXCELLENCE IN CONTROLS AND SYSTEM INTEGRATION

To contact a Tesco Controls sales representative call 916.395.8800
Tesco Controls, Inc. 3409 52nd Avenue, Sacramento, CA 95823-9012

www.tescocontrols.com