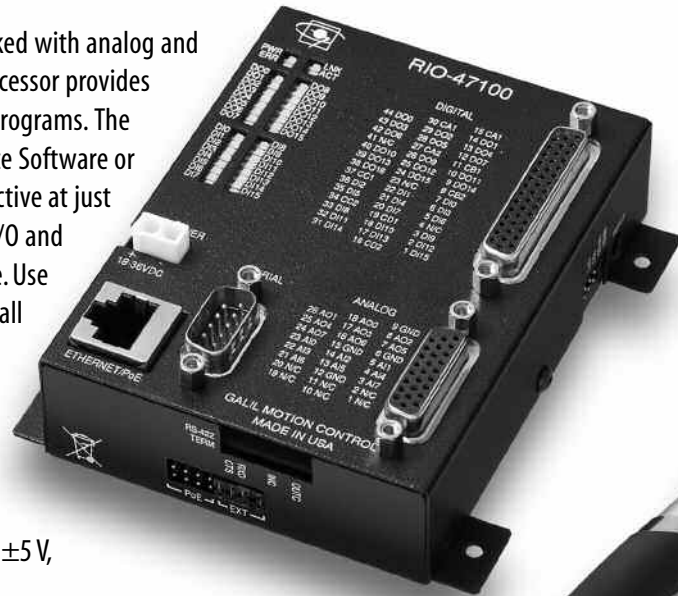


Pocket PLC Series

Smart. Compact. Low-Cost. Packed with I/O.

Galil's RIO-47xxx programmable logic controller is packed with analog and digital I/O in a compact package. Its powerful RISC processor provides fast I/O handling, logic control, and memory for user-programs. The RIO PLC is easy-to-program with Galil's Ladder Interface Software or intuitive command language. Plus, the RIO is cost-effective at just \$295 in single quantity and unlike most PLCs, analog I/O and Ethernet 10/100Base-T are included at no extra charge. Use them stand-alone or network multiple RIOs to handle all the I/O in your machine.



Packed with I/O

- 8 analog inputs, user-configurable for 0–10 V, 0–5 V, ±5 V, ±10 V, 12-bit or 16-bit ADC
- 8 analog outputs, user-configurable for 0–10 V, 0–5 V, ±5 V, ±10 V, 12-bit or 16-bit DAC
- 16 optically isolated digital inputs, 5–24 VDC
- 8 optically isolated digital outputs rated at 25 mA, 5–24 VDC
- 8 optically isolated digital outputs rated at 500 mA, 12–24 VDC
- Thermocouple and RTD options
- Encoder options



Smart

- RISC processor for fast handling of I/O and logic
- EEPROM memory for non-volatile program storage
- Multitasking, variables, arrays, conditionals, arithmetic and logical operators
- Pulse counter and PID process control loops
- Web interface and email capability
- RS232 and Ethernet 10/100Base-T port; Modbus/TCP master or slave
- Easy to program with Galil's Ladder Interface Software or Intuitive Command language

Compact

- Measures just 3.88" × 4.26" × 1.30"
- Available with D-type or screw terminals
- D-type connectors; Available with mating ICS for screw-terminal connections
- Powered by Power-over-Ethernet (PoE) or external 18–36 VDC
- LED indicators for all digital I/O points