

# OptiLogic Ethernet I/O

## RTU Bases and I/O Modules

OptiLogic™ Remote Terminal Units (RTU) deliver superior point-of-use Ethernet I/O and operator panel capabilities for both PC and Pointe Controller-based data acquisition and control systems. OptiLogic RTUs allow any appropriate combination of OptiLogic I/O modules to be easily plugged into the available slots. OptiLogic RTUs are available with four or eight slots.

OL4054 4-slot I/O base or OL4058 8-slot I/O base, both with IPX or OptiLogic/UPD communications.

Also, the new OL4228 8-slot I/O base extends the OptiLogic family to include TCP/IP communications. Now, any Modbus TCP-capable, PC-based application can interface with OptiLogic Ethernet I/O.

## OptiLogic Operator Panels



**OL3406 Pushbutton Panel**  
Four user-definable push-buttons, six LED indicators.



**OL3420 Terminal Panel**  
2x20 character LCD and four user-definable pushbuttons.



**OL3440 Operator Display**  
4x20 character LCD.



**OL3850 Operator Terminal**  
2x20 character LCD, full keypad, three LED light bars, five pushbuttons.

## Exclusive snap-on Operator Panels

All OptiLogic RTUs — as well as the Pointe Controller — can be mounted on a standard DIN rail, but if an operator panel is required, these units can be quickly snapped onto the back of any OptiLogic panel pictured below. The combined module can then be easily mounted in a panel. A single cable links the two units, providing both signal and power.

## Pulse Counters



**OL2252 Dual Pulse Counter**  
2-channel 0-15 KHz counter input. Six additional inputs configurable as general purpose DC inputs or control signals.



**OL2258 High Speed Counter**  
Single channel input. Pulse & Direction, Up/Down Count, or Quadrature. 0-80 KHz (0-160 KHz for Quad). Two high speed open collector outputs.

## Input Devices



**OL2201 Digital Simulator**  
8-point digital input simulator.



**OL2205 AC/DC Input**  
4-point, 10-30 VAC or 10-30 VDC.



**OL2208 DC Input**  
8-point, 10-30 VDC (sourcing or sinking).



**OL2211 AC Input**  
8-point, 80-132 VAC.

## Analog Input/Output Devices



**OL2304 Analog Voltage Out**  
4-channel output. 0-5V, 0-10V, +/-5V, +/-10V configurable. 12-bit resolution.



**OL2408 Analog Voltage In**  
8-channel input, 0-5 or 0-10 VDC, 14-bit resolution.



**OL2418 Analog Current In**  
8-channel input, 4-20 mA, 250 Ohm, 14-bit resolution.



**OL2602 Serial Ports**  
Dual-channel RS-232 serial.

## Output Devices



**OL2104 Relay Output**  
4-point, 0-60 VDC or 0-120 VAC. 2A/point @ 24VDC, 1A/point @ 120VAC.



**OL2108 Relay Output**  
8-point, 0-60 VDC or 0-120 VAC. 2A/point @ 24VDC, 1A/point @ 120VAC.



**OL2109 DC Sinking**  
8-point, 0-40 VDC sinking output. 300mA sinking capability/point.



**OL2111 AC Solid State**  
8-point solid state output, 12-132 VAC.

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