



# Access Control Panels



## MC-MLC-4R

The MAC-4R is part of OSSI's Complete PSIM Solution. The MAC-4R is an intelligent distributed processing access control panel. The panel supports ladder logic programming providing ultimate flexibility.

The I/O style board provides traditional flat mounting in an enclosure or rack termination which allows for 28 doors of access control in a small 18" x 18" enclosure footprint.

The integrated Lonworks communications protocol and flexible communications topology supports up to 126 controllers on one communications line.

Each controller can be connected to one or multiple host devices for redundancy. Connection options include serial, fiber or Ethernet adapters.

Ethernet interfaces provide a direct connection to local or wide-area networks reducing infrastructure and lowering installation costs.

### PROGRAMMING

- User-definable ladder logic programming allows system operation to be configured to the needs of the application
- User-defined operator interface allows the operator screens to be configured specifically for the application

### OPERATIONS

- Supports 20,000 cards per panel
- 4,000 event buffer FIFO
- Threat-level based operation
- Real-time clock for time/date based operation
- Wiegand and magnetic stripe outputs standard

### POWER

- 18-28 VDC @ 640mA max draw
- 12 VDC when powered by system battery
- 12 VDC @ 7.5 Ah system battery
- 3.5 VDC @ 350 mAh memory battery

### DATA

- 78 Kbps Free Topology twisted pair transceiver provides connection to host and peer-to-peer communications between panels

### TERMINATION

- Removable screw terminals for up to 12 AWG
- Rack connector for connection to MC-ENC-RMX

### INPUTS / OUTPUTS

- Support for up to 4 Wiegand, Magnetic-stripe or Proximity readers.
- Support for Reader/PIN combinations for 8-bit keypads
- Supplies 5 VDC or 12 VDC power for readers or network interface.
- Eight supervised or un-supervised inputs
- Inputs can be configured as binary (logic) or analog (values)
- Two to Four-state supervision of inputs
- Four 5 Amp 300 Volt rated relay outputs

### COMMUNICATIONS

- Integrated Lonworks

### OPERATING TEMPERATURE

- -20° to 85° C
- -4° to 150° F
- 95% Humidity (non-condensating)

### ENCLOSURE DIMENSIONS

- PCB Board: 8-3/4" w x 6-3/4" h x 1" d
- 4-Door Enclosure: 15" w x 17.5" h x 4.5" d
- ENC-RMX: 18" w x 18" h x 7.75" d

## ORDERING INFORMATION

MC-MLC-4R PCB

Complete PCB Assembly Only

MC-MLC-4R

MAC-4R-PCB In a 2 panel enclosure