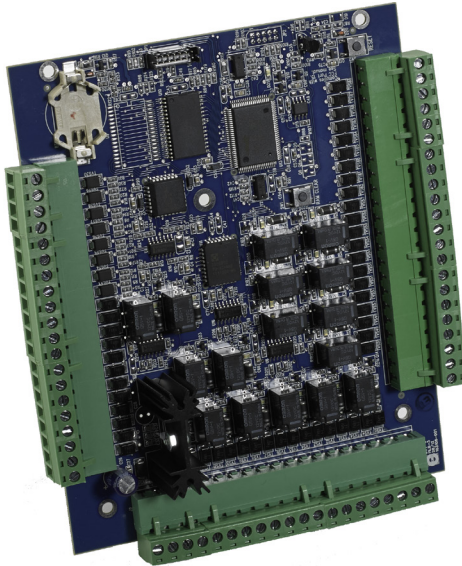




# I/O Control Panels



## CMP-IOM

The Intelligent Output Module (IOM) is part of OSSI's Foundation Solution. It provides high density, programmable outputs to control doors, lighting, and other equipment. The outputs can be activated or deactivated on the basis of the change in an input status, time or operator command.

This controller is part of a modular system that allows the designer to combine Reader Modules (IRM), Input Modules (IIM) and Output Modules (IOM) as needed to meet the requirements for a multitude of applications.

### PROGRAMMING

- On-board replaceable lithium battery maintains critical memory for up to three months
- Flash memory for rapid firmware upgrades
- On board memory holds 10,000 transactions
- Watchdog timer
- Automatic detection of new panels
- Automatic configuration of new panels
- Automatic device assignments
- Automatic downloads

### OPERATIONS

- Low power consumption
- Real-time clock for time/date based operation
- Small footprint PCB for combining many Intelligent modules in a small area

### POWER

- 12 VDC nominal (13.8 VDC max/10.8 VDC min)
- 9 Watts (including comm daughter board)
- 650 mA peak
- On board +5 VDC input with thermal shutdown
- PTC Fusing

### DATA

- TCP/IP, RS-485 (full duplex), or RS-232
- 2,400 to 115,200 bps

### COMMUNICATIONS

- Supports up to 32 modules (IIM, IOM, or IRM) on a multi-dropped single comm line or TCP/IP connection
- High baud rate RS485 Communication

### INPUTS/OUTPUTS

- 16 Multi-purpose Form-C relay outputs Extensive transient protection for better reliability
- 4 Multi-state inputs, configurable for 2, 3 or 4-state supervision

### TERMINATION

- Removable screw terminals for up to 12 AWG

### OPERATING TEMPERATURE

- 0° to 50° C
- 32° to 122° F

### ENCLOSURE DIMENSIONS

PCB Board: 4.5" w x 6" h x 1.5" d  
2-Door Enclosure: 12" w x 13" h x 4.5" d  
4-Door Enclosure: 15" w x 17.5" h x 4.5" d  
8-Door Enclosure: 18" w x 29.5" h x 4.5" d

## ORDERING INFORMATION

CMP-IOM 001  
CMP-IOM 201  
CMP-IOM 211  
CMP-IOM 251

INTELLIGENT OUTPUT MODULE ONLY  
(1) IOM, 1 PANEL ENCLOSURE  
(1) IOM, 1 PANEL ENCLOSURE INC CDB001  
(1) IOM, 1 PANEL ENCLOSURE INC CDB005

CMP-CDB001  
CMP-CDB005

485 COMMUNICATION DAUGHTER BOARD  
ETHERNET COMMUNICATION DAUGHTER BOARD