CMP-IRM
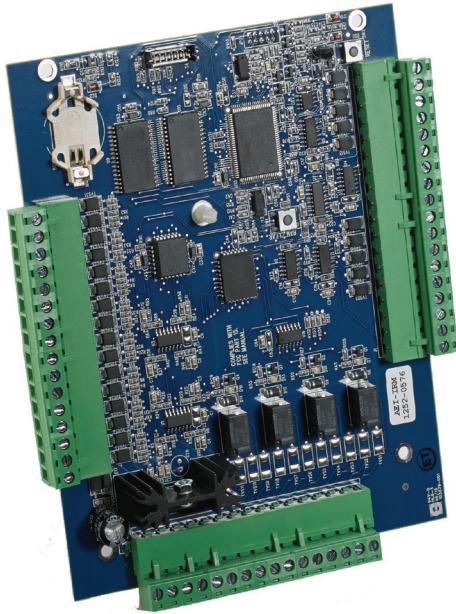
The Intelligent Reader Module (IRM) is part of OSSI's Foundation Solution. This solution allows the designer to combine Reader Modules (IRM), Input Modules (IIM) and Outputs Modules (IOM) as needed to provide access and I/O control in the most demanding conditions. The standard IRM can be configured in 2, 4 and 8 door combinations through multiple communication options.

When combined with OSSI's Intelli-Site CS or ES Series software, an individual IRM can be configured to control a multitude of operations and events including door control, elevator control, arming and disarming alarms, and triggering occupancy-based HVAC and lighting control.

PROGRAMMING
- On-board replaceable lithium battery maintains critical memory for up to three months
- Flash memory for rapid firmware upgrades
- On-board memory holds 26,000 card records and 30,000 transactions
- Automatic detection of new panels
- Automatic configuration of new panels
- Automatic device assignments
- Automatic downloads

OPERATIONS
- Low power consumption
- Real-time clock for time/day based operation
- Small footprint PCB for combining many Inteligent 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

INPUTS/OUTPUTS
- Support FOR 2 Wiegand or Clock&Data readers
- Supports up to 29 different card formats (up to 64 bit)
- 4 Multi-purpose Form-C relay outputs
- 8 Multi-state inputs configurable for 2,3 or 4 state
- Extensive TVSS protection

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.

TERMINATION
- Removable screw terminals for up to 12 AWG

OPERATING TEMPERATURE
- 0º to 50º C
- 32º to 122º 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-IRM 003	INTELLIGENT READER MODULE ONLY
CMP-IRM 203	(1) IRM, 2 READER ENCLOSURE INC
CMP-IRM 213	(1) IRM, 2 READER ENCLOSURE INC CDB001
CMP-IRM 253	(1) IRM , 2 DOOR ENCLOSURE INC CDB005
CMP-IRM 403	(2) IRM S, 4 DOOR ENCLOSURE INC (1) CDB005, (1) CDB001
CMP-IRM 413	(2) IRM S, 4 DOOR ENCLOSURE INC (2) CDB001S
CMP-IRM 453	(2) IRM S, 4 DOOR ENCLOSURE INC (1) CDB005, (1) CDB001
CMP-IRM 803	(4) IRM S, 8 DOOR ENCLOSURE INC (3) CDB001S
CMP-IRM 813	(4) IRM S, 8 DOOR ENCLOSURE INC (4) CDB001S
CMP-IRM 853	(4) IRM S, 8 DOOR ENCLOSURE INC (1) CDB005, (3) CDB001S