



The **OSSI RA-4R** is a 4 reader Intelligent Access Controller. With its advanced circuit board design, and high-speed processor, it is the choice you can count on for today's challenging access control solutions. The panel supports 4 readers or keypads. The controller supports multiple card formats up to 48 bit and 8 bit burst. The panel comes standard supporting 8 inputs and 4 Form-C relay outputs. With the **RA-4X** relay expansion module, the panel is capable of ADA door control and supports up to 8 floors of elevator control. On board ethernet comes standard with the **RA-4R**. The panel has an incredible amount of horsepower in a minimal overall footprint. It is a great fit for access control in any environment.

OPERATIONS

- Real-time clock for time/date based operation
- Low power consumption
- It's small footprint PCB allows for combining many intelligent controllers in a small area

INPUTS/OUTPUTS

- Support for 4 readers or keypads
- Supports industry standard readers including card and/or PIN, proximity, barcode, Smartcard, mag-stripe and others
- Supports 6 different card formats (up to 48 bits) per controller
- 4 Multi-purpose Form-C relay outputs
- 8 Multi-state inputs configurable
- Extensive transient protection for better reliability
- Removable screw-down terminal blocks supporting (1) #18 awg or (2) #22 awg conductors
- TX, RX, Heartbeat, and Output LEDs

COMMUNICATIONS

- TCP/IP connection 10 mbps

PROGRAMMING

- Flash memory for rapid firmware upgrades
- Watchdog timer
- Auto-detection of new panels
- Automatic device assignments
- Automatic downloads

POWER

- 12VDC nominal (13.8VDC max/ 9.5VDC min)
- 9 Watts consumption
- 500ma peek
- Reverse polarity protection

DATA

- TCP/IP
- 115,200 bps

OPERATING TEMPERATURE

- -0° to 50° C
- 32° to 122° F

ORDERING INFORMATION

RA-4DR-M Kit RA-4DR-S Kit	Includes: enclosure with power supply, 4 door access controller, (4) readers and software (Choose between (M) mulion or (S) switch plate mount)
RA-8DR-M Kit RA-8DR-S Kit	Includes: enclosure with power supply, 8 door access controller, (8) readers and software (Choose between (M) mulion or (S) switch plate mount)

RA-4X	4 Relay expansion board. (ADA Door and Elevator Control board)
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