RA-4R

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, magnetic stripe
• 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
• 12 VDC nominal (13.8 VDC max/9.5 VDC min)
• 9 Watts consumption
• 500 ma peek
• Reverse polarity protection

DATA
• TCP/IP
• 115,200 bps

OPERATING TEMPERATURE
• 0° to 50° C
• 32° to 122° F