Red4 Four Door Controller

R4

SKU: 112135   UPC: 850016583703

Pdk's Red 4 controller includes built-in Ethernet connectivity and self-discovery, simplifying IP configuration and functionality. Additional plug-and-play connection options are available by simply purchasing a Red WiMAC wireless or PoE++ Module Kit. The Red 4 is equipped with OSDP functionality, an onboard power supply, and a fully-supervised power circuit that monitors input, output, battery voltage, and overall controller health.

Features

- **Advanced Security:** ProdataKey Red products lead the industry in secure communication protocols. This includes OSDP, mobile, and encrypted credential communication.
- **Power Monitoring:** Equipped with an on-board power supply, and a fully-supervised power circuit that monitors input, output, battery voltage, and overall controller health.
- **Plug-n-Play Connectivity:** All PDK Red devices were designed to be plug-n-play. That means they're easy to install right out of the box. It's simple to add any device, no matter how large the job is.
- **Self-Discoverable:** The Red 4 will be automatically discovered by the Cloud Node when an Ethernet cable is connected; it is not necessary to enter the IP address; the device is self-discoverable.
- **Module Kits:** Additional WiMAC and PoE++ plug-and-play connection kits can be added by purchasing the respective wireless or PoE kit. Plug the module into the PDK Red 4 board, and it's ready to go.
- **System Scalability:** Whether you need two doors or a thousand, the PDK Red 4 Controller gives you the flexibility to add more doors anytime, anywhere, on any device.

Connections

- Removable Screw-down Terminals
- Built-in Power Supply
- Industrial-grade 2A Form-C Relays (4)
- Reader (4)
- Input A (4)
- Input B (4)

Communication Options

- Ethernet
- WiMACTM Wireless (2.4 GHz/ 802.15.4)
- PoE++
- Encryption: AES 128bit
- Wireless Range: 1 Mile LoS, 450ft indoor average

Environmental

- Temperature: -4° ~ +140° F /-20° ~ +60° C
- Humidity: 0 - 95% relative humidity
- non-condensing
- Enclosure

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- Dimensions (W x H x D) 10.4375" x 7.625" x 3"
- Metal lockable security can (indoor use only)
- Compliance
- Conforms to UL 294
- Manufacturer"'s Limited Warranty
- One to five-year warranty against defects in materials and workmanship.

Power

- 12V-24V DC Input
- 12 VDC 5A 60 watt class 2 wall-wart power supply (Input supply to the board)
- Powers readers and other door hardware directly from the bus
- *12V 8ah backup battery not included but is required to comply with UL 294.

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