



Eight io Door Controller (Pro Wireless)

8DW

SKU: 38890 UPC: 999999516413

The eight io controller will handle eight individual doors or ten elevator floors. Add the eight-door expander to control up to sixteen doors or twenty elevator floors out of one 12x12 enclosure. Whether you are controlling doors or elevators, you won't find a more compact, efficient, and easier-to-use door controller on the market.

Features

- **Upgrade Any Wired System** - The eight io makes upgrading a traditional wired system easier than ever. Take control of up to eight individual doors with the eight io controller. Easily convert existing wired systems to experience the benefits and capabilities of the pdk io platform..
- **Expand to Sixteen Doors** - System expansion is a breeze, just replace the existing controllers with eight or single io's and use most or all of the existing door hardware. The eight io makes system upgrades effortless and cost-effective.
- **Fully Supervised** - Never be caught off guard again. Pdk.io intelligently monitors the network and wireless connectivity of each controller in your system and alerts you if any issues arise.
- **Elevator Control** - Provide a seamless, more effective elevator solution. The eight io doubles as an elevator controller, allowing control of up to ten elevator floors. The eight io is smaller and more powerful than any other controller in its class.
- **Plug n™ Play Connectivity** - All io devices were designed to be plug n™ play. That means they™re easy to install right out of the box. It's easy to add in any io device no matter how large the job is, and a system can be quickly scaled to any size. A Cloud Node can be connected with up to a thousand doors on a single platform.
- **Wireless or Network** - Choose from flexible connectivity options that fit any application.
- The eight io is built for ultra-low bandwidth consumption and easily connects to existing or dedicated networks. Easily expand a systems wireless coverage (via network) using the ethernet gateway.

Connections

- Removable Screw-down Terminals
- Power Supply Input
- Industrial-grade 2A Form-C Relays (1 Door / 1 Aux)
- Reader Input (2)
- Input A (Door Position Sensor)
- Input B (Request To Exit)

Communication Options

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

Environmental

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

Enclosure

- Dimensions (W x H x D) 12" x 12" x 4"
- Metal lockable security can (indoor use only)
- Weight
- 8DE/W: 5.45 lbs (87.2 oz)
- 8DEE/W): .41 lbs (6.56 oz)
- Compliance
- Conforms to UL 294

Requirements:

- Power-12 VDC
- Power readers and other door hardware using the built-in bus 10A concurrent max on the bus
- *Power supply and battery not included

Recommended Power Supply

- 12 VDC Access Control Power Supply with proper amperage for connected door hardware.