pdk™

eightio

Eight Door/Ten Floor Controller

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.

Models

Ethernet PN: 8DE
Wireless PN: 8DW

*Optional Wireless Expander: (8DEW)
*Optional Ethernet Expander: (8DEE)

Eight io 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, making them super 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 you can quickly scale a system to any size. A cloud node can connect 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 system's wireless coverage (via network) using the ethernet gateway.

Specifications:

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
WiMAC™ 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.
See installation manual for 24 VDC operation.

Manufacturer's Limited Warranty

One to three-year warranty against defects in materials
and workmanship.
For full details, visit www.prodatakey.com/warranty

Visit www.prodatakey.com/resources to access marketing, installation, and support
resources. For questions about the eight io, please contact support@prodatakey.com.