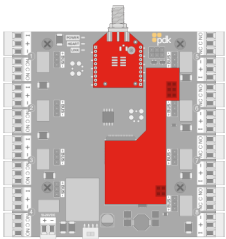
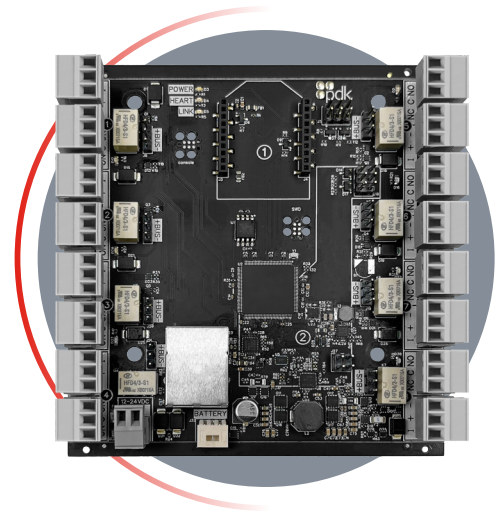


High-Security 8-Port Auxiliary Board

PDK Red Expander Boards accomplish complete scalability, built to customize the Red Max and accomplish all of your system needs. PDK's Aux 8 expander is an easy-to-install input/output board built to handle any auxiliary devices for your system. The Aux 8 helps you provide full control or monitoring of up to eight different auxiliary devices. Every expander board includes built-in Ethernet connectivity and self-discovery, simplifying ip configuration and functionality.

Model

PN: A8E



Optional Module Add-On Kits

WiMAC Wireless Module | PN: RMW

PoE++ Module | PN: RMPOE

Features

+ input**monitoring**

Monitor and report on any device tied into the Aux 8 board. Whether door position sensors, push buttons or motion devices, the Aux 8 has you covered.

⚡ power**monitoring**

Equipped with an onboard 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.

☑ output**triggering**

The onboard relays allow for system event triggers such as elevator floor access, arming and disarming alarm panels, and control of HVAC systems.

↑ self**discoverable**

The Red Aux 8 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 Aux 8 board, and it's ready to go.

Specifications

Connections

Removable Screw-down Terminals
Built-in Power Supply
Industrial-grade 2A Form-C Relays (8)
Inputs (8)

Communication Options

Ethernet
WiMAC™ Wireless (2.4 GHz/ 802.15.4)
PoE++
Encryption: 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

Red Expander Boards can be mounted to any
Red enclosure.

Compliance

Conforms to UL 294



Manufacturer's Limited Warranty

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

Requirements

Power

12V-24V DC Input
Board powers door hardware directly from the bus.

* Power supplies included with purchase of Red Max Controller

*12V 12ah backup battery not included, but must be installed to comply with UL 294.