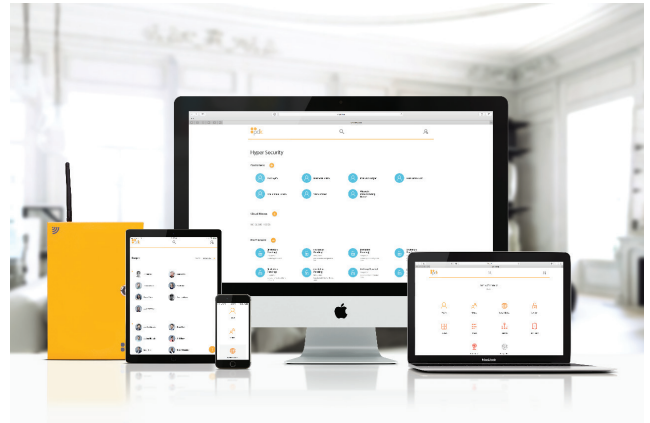


Anywhere. Anytime. Any Device.







The cloud node is the main system panel and is the gateway to the pdk.io cloud platform. It also includes a Single io (One Door Controller) to get the first door up and running. Each site requires one cloud node with an Internet connection. The cloud node then communicates with all local door controllers while storing all data on site in case of an internet outage. Ultimate flexibility is achieved by using any combination of controllers connected to the cloud node.



Mobile App



Cloud Node Features

-  **Connects to pdk.io Cloud Platform**
Pdk.io provides the most powerful and streamlined access control platform on the market. Experience full configuration and management from any internet-connected device. Manage users, create groups, open and close doors, set system rules, get SMS & email alerts, and more. All in a single App.
-  **Perfect for Single Door Installs**
In addition to connecting to our cloud platform, the cloud node also doubles as a single door controller. It's the only device you need for a single door install. Just connect the cloud node to the door hardware and network to finish the job.
-  **Fully Supervised**
Never be caught off guard again. Pdk.io intelligently monitors the battery health, power status, and wireless connectivity of each controller in your system and alerts you if any issues arise.
-  **Plug n' Play Connectivity**
All of the io devices were designed with plug n' play in mind. That means they're 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. Quickly scale a system to any size. The cloud node can connect to up to a thousand doors.
-  **Upgrade Any System**
Backward compatible hardware makes system upgrades and takeovers a breeze and saves your customers money. Simply replace the existing ACP with a cloud node and connect it to the network to instantly bring the rest of the system into the cloud.
-  **Automatic Software Updates**
Experience future-proof access control that's always secure, and always up-to-date. The cloud node updates automatically as new software features, and security enhancements become available.

Specifications:

Connections

Removable Screw-down Terminals
Power Supply Input
Industrial-grade 3A Form-C Relays (1 Door / 1 Aux)
Reader Input
Request To Exit
Door Position Sensor

Communication Options

WiMac Wireless Mesh (2.4 GHz / 802.15.4)
Ethernet
PoE
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) 6.5" x 9.25" x 3"
Metal lockable security can (indoor use only)

Weight

PM07SDC-(X) - 1.64 lbs (26.24 oz)

Compliance

Conforms to UL 294



Requirements:

Power

12-24V AC/DC Input
12VDC 1.5A Battery-Backed Output
Powers readers and other door hardware using the built-in bus
*Power supply and battery not included

Recommended Parts

Power Supply: ELK-TRG1640 or PM-05-HVC-2A
Battery: 12v 5a

Manufacturer's Limited Warranty

One to three-year warranty against defects in materials and workmanship

Visit the ProdataKey Dealer Website support.pdk.io to access marketing, installation and support resources.
For questions about the cloud node, please contact support@prodatakey.com