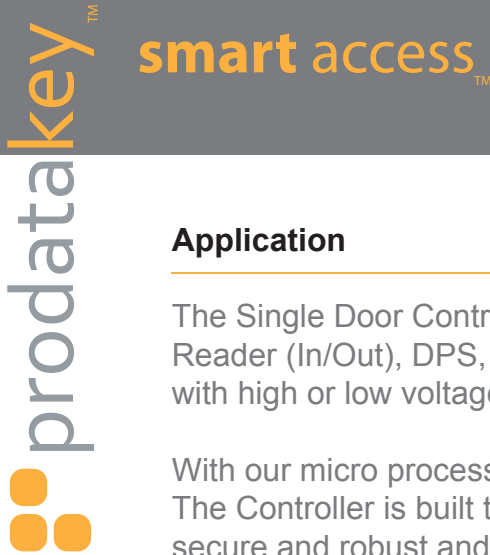


Single Door Controller

Pro Wireless: PM07SDC-W
Ethernet: PM07SDC-E
USB: PM07SDC-U



Application

The Single Door Controller will control a single door with all the expected connections for Reader (In/Out), DPS, REX and more. Includes a 12/24 VDC 1.5 Amp charging Power Supply with high or low voltage input options and a 5X7 security can.

With our micro processor driven Single Door Controllers, we make access “**smart access.**” The Controller is built to install directly above the door or in the drop ceiling, making access more secure and robust and making installation more efficient.

Specifications

Connections: Power Input, Normally Open, Normally Closed, Common, Two Reader Ports (With LED control), Request To Exit, Door Position Sensor, Aux Out (Relay with N/O or N/C that can be tied to positive or ground)

Com-Modules: Direct (USB), Network (Ethernet), or Pro Wireless (Com-Module included based on part number)

Connectors: Removable PCB terminals with screw down wire crimps

Relays: 2 x Industrial grade Form C relays (1-Port 1, 1-AUX)

Onboard Memory: Store up to 10 E-Cards

Power: 12-24 VDC up to 3 Amp (Power supply included with battery backup)
Power all door equipment from the onboard Bus

Max Amp Draw (Pro Wireless - 350mA) (Ethernet - 550mA) (USB - 350mA)

Bus: Both the power input and two power outputs are on a bus which powers the controller and door hardware.
3 Amp concurrent max on the Bus

Environmental: Temperature: -40° ~ 85° C (-40° ~ 185° F)
Humidity: 0 - 95% relative humidity non condensing

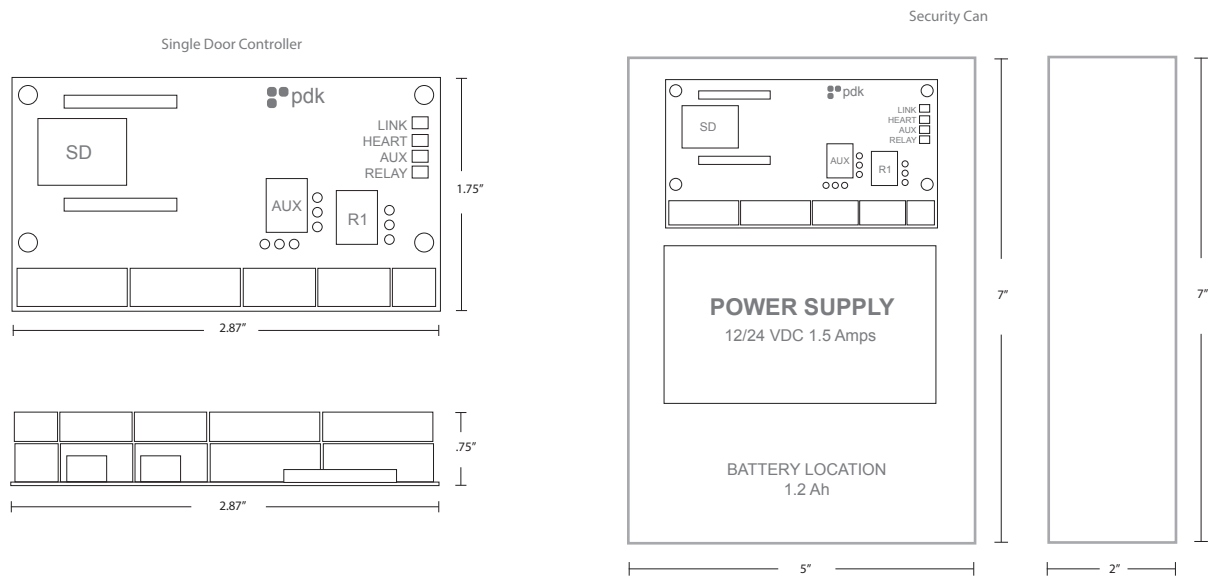
Enclosure (L x W x H): 5” x 7” x 2” Metal security can with LED indicator.

Weight: PM07SDC-(W)(E)(U) - 1.64 lbs (26.24 oz) W/O Com-Module or Antenna



*Example with Pro Wireless

Measurements



Features

Mounting: The controller has four mounting holes and if used with the ProdataKey enclosure it screws to four metal standoffs.

Diagnostics: On controller power-up, an internal self-test routine checks and verifies the setup configuration, determines the boot of firmware along with connection through LED indicator, and initializes controller operation. An additional connection test in the software allows for the controller to be detected and determine functionality.

Design: With unmatched size and functionality, this controller is one of the most versatile on the market. It provides two industrial relays with all expected connections including read in/out capabilities. While this controller is mounted in a security can for indoor use, there are applications where re-mounting in an outdoor NEMA enclosure would be beneficial.

Easily Interfaced: Connection to the door controller from the Access Control Panel is made through Direct (USB), Network (Ethernet), or Pro Wireless Com-Modules. Setup is easily managed.

Security: Provided through each Com-Module connection type. Pro Wireless utilizes 128-bit AES.

Warranty: 2 Year warranty against defects in materials and workmanship (see complete policy for details).

Part Numbers: Single Door Controller: PM07SDC- W: Wireless, E: Ethernet, U: USB (Mounted in a 5X7X2 security can)

Description: Controls 1 door, along with 1 auxiliary relay. Connect from the controller back to the Access Control Panel through one of three Com-Module Chips. If needed, use a different connection type on each door controller added.

Options:

- Port 1 relay can be configured for Dry or Wet contact with selectable jumpers.
- AUX relay (O) Output can be configured to N/O or N/C and tied to Positive or Ground.

Reader Input: Accepts all 26bit & 32bit weigand reader connections.

Indicators:

- LINK LED**, notifying the board is connected back to the Access Control Panel (Pro Wireless Only).
- HEART LED**, displaying the board has booted firmware and is operating correctly when blinking.
- AUX LED**, notifying the AUX relay has been actuated.
- RELAY LED**, notifying the Port 1 relay has been actuated.