db Cabinet Sentry
Installation Manual

Version 1.1

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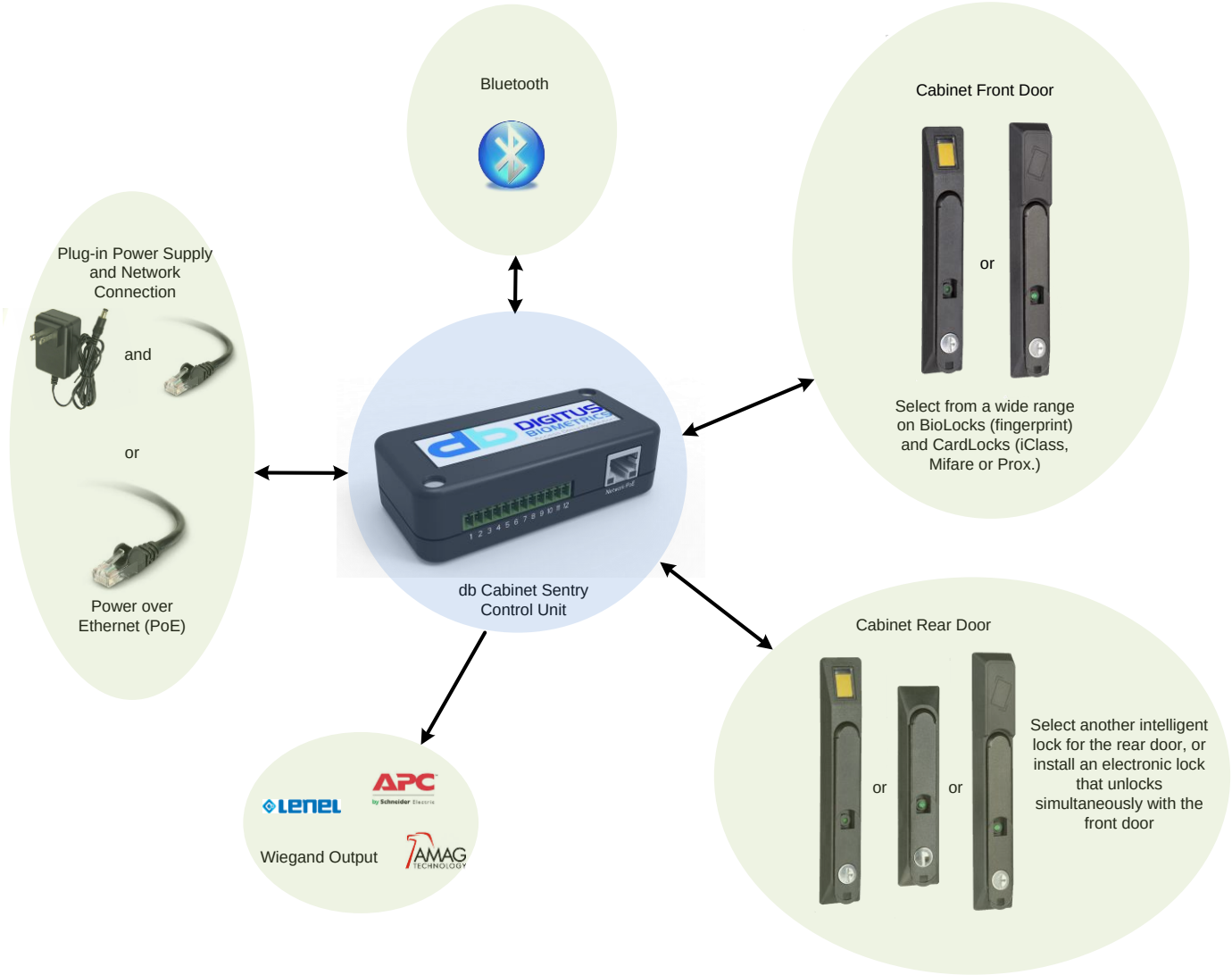
db Cabinet Sentry Overview

The db Cabinet Sentry Control Unit is a product that provides an extremely effective way to secure access to Server Cabinets using biometrics, iClass cards or proximity cards.

The control unit is very compact in size, 4" x 2" x 1" (10.2cm x 5.1cm x 2.6cm), and can be powered via Power over Ethernet (PoE) and/or an external power-supply.

The db Cabinet Sentry Control Unit can be integrated with third-party access control systems, using its Wiegand output. It is also compatible with many third-party software platforms at the software level.

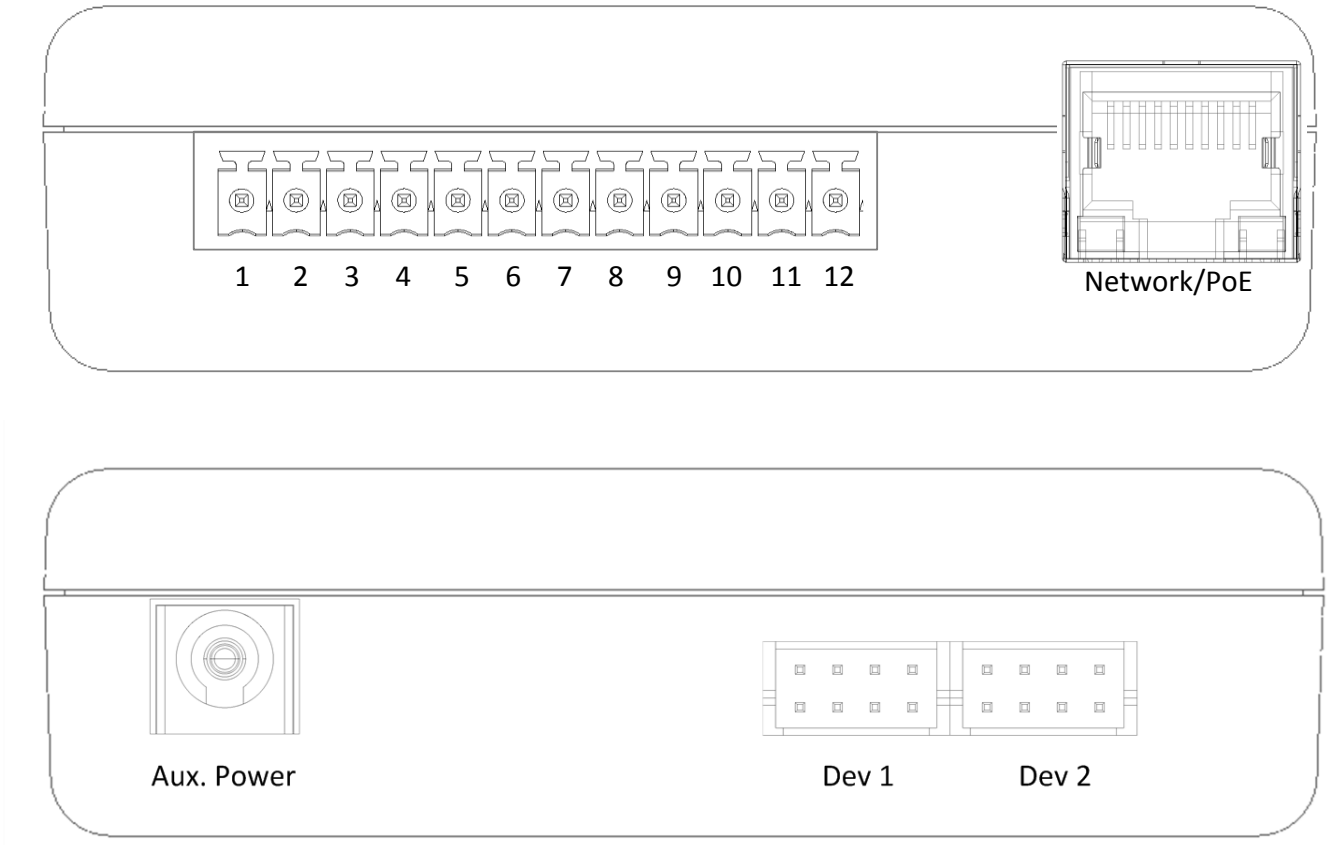
db Cabinet Sentry Architecture



Installing the db Cabinet Sentry

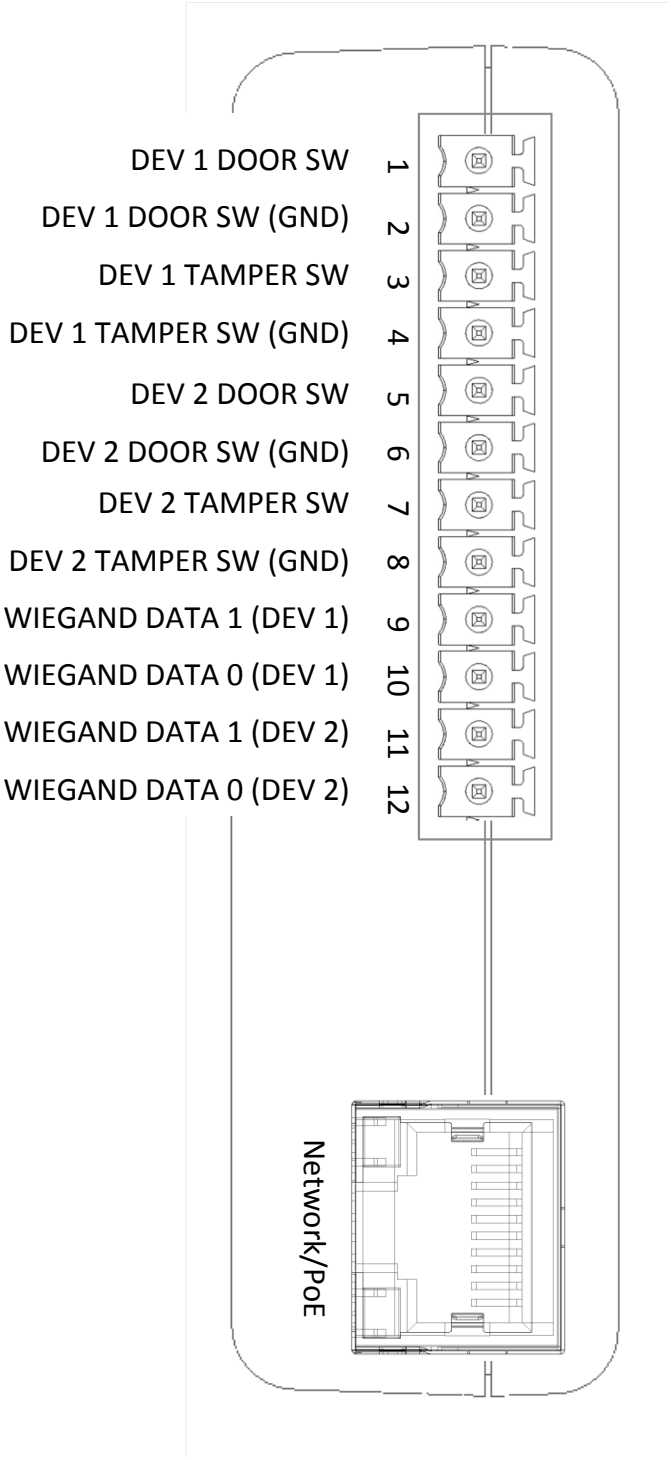
It's important to record the MAC Address and location of each db Cabinet Sentry Control Unit. The MAC Address is used when identifying each unit within the Digitus DAS-SQL software.

The db Cabinet Sentry Control Unit is very small and compact in size, measuring just 4" x 2" x 1" (10.2cm x 5.1cm x 2.6cm). It can be installed anywhere in the cabinet and can be attached to the cabinet using the VHB tape strip (supplied).



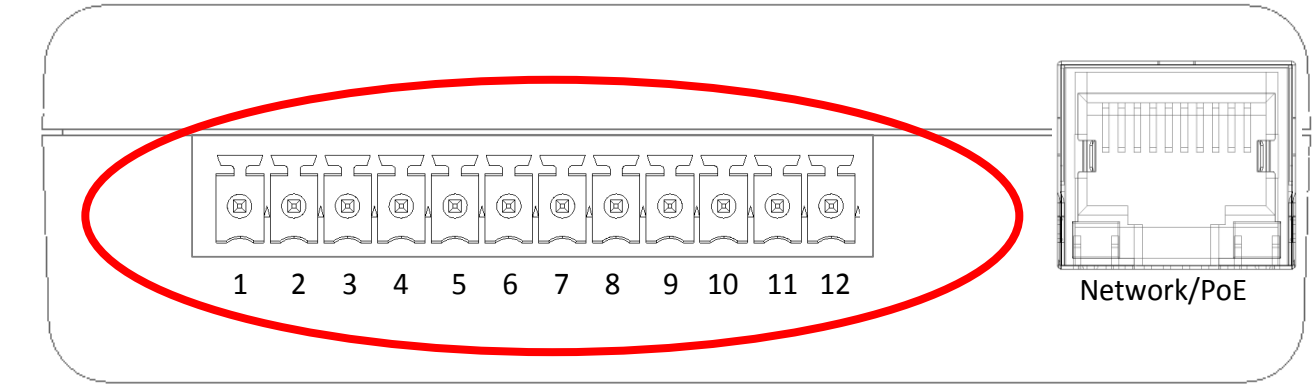
Side Views of db Cabinet Sentry Control Unit

Connections Overview

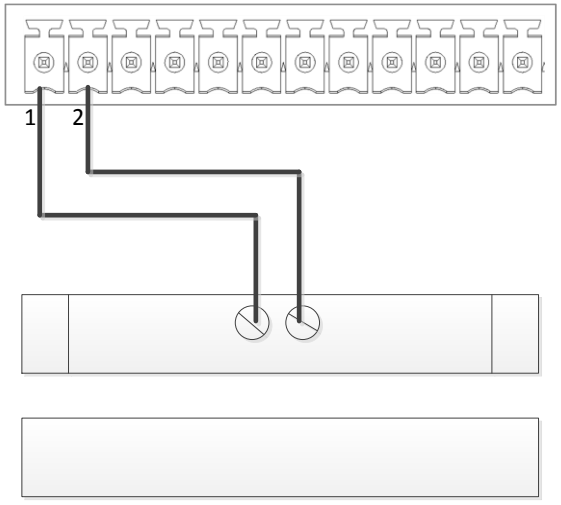


Installing the Door Contacts

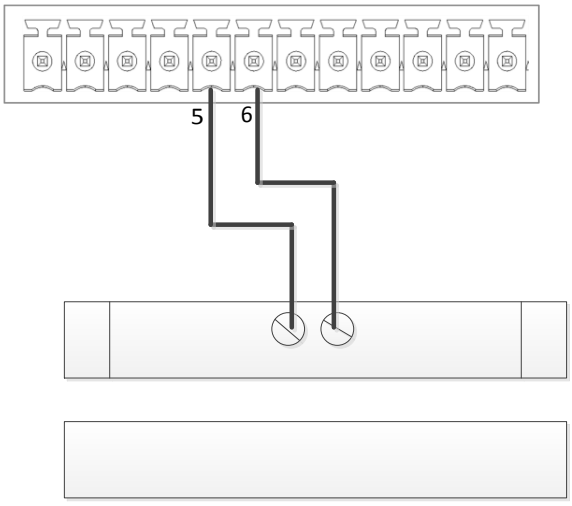
- For each device (Dev 1/Dev 2) on a db Cabinet Sentry Control Unit, a set of Door Contacts can be installed. The Door Contacts will allow the position of the door (open/closed) to be monitored.
- **Use the Digitus supplied Door Contacts only. Do not use ordinary reed switches as these will cause the device to go into an alarm condition.**



Side View of db Cabinet Sentry Control Unit



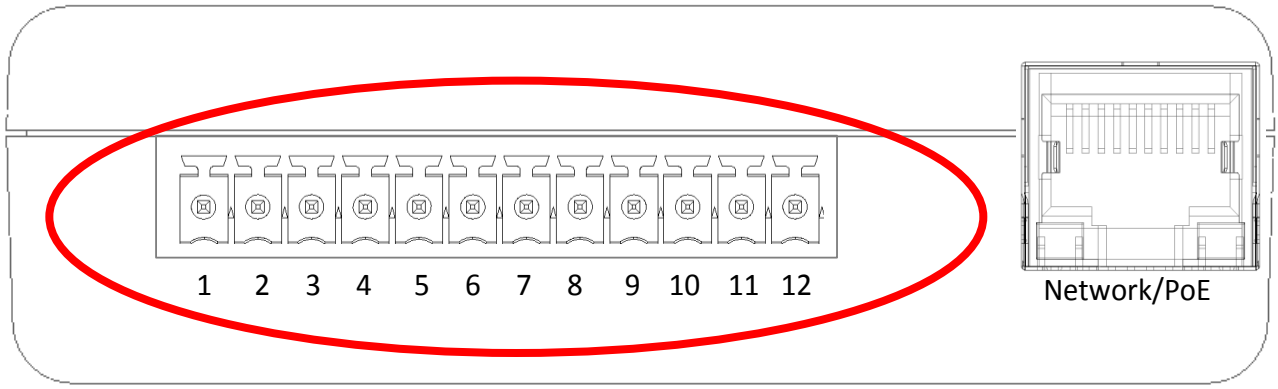
Dev 1 Door Contacts



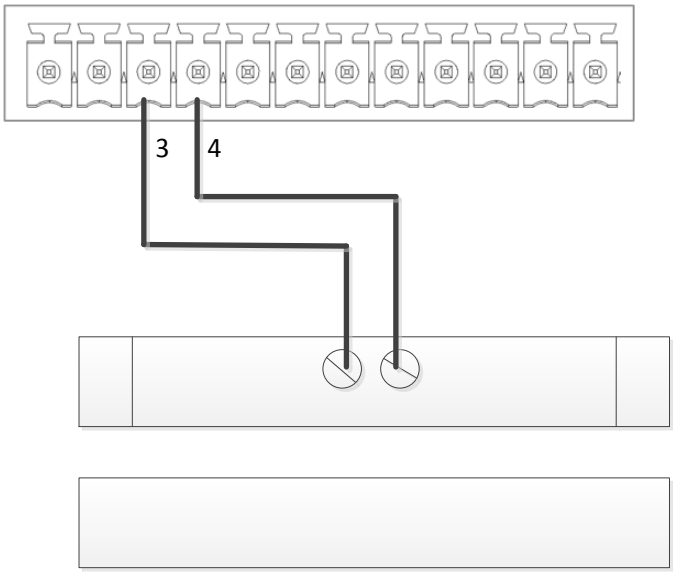
Dev 2 Door Contacts

Installing the Tamper Inputs

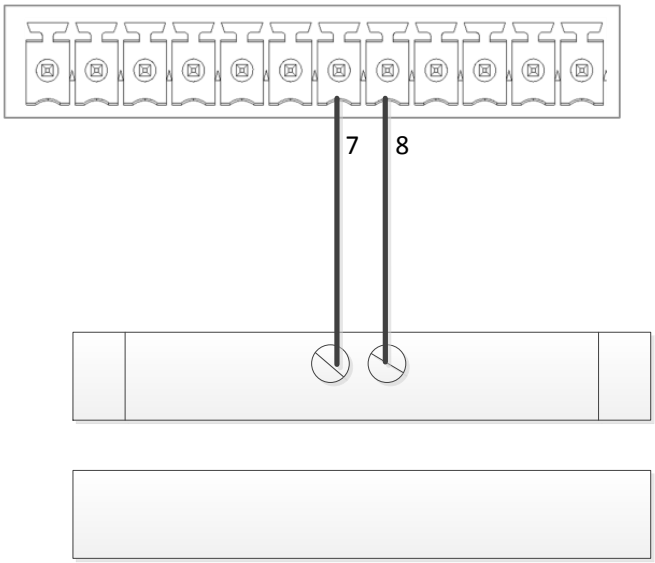
- For each device (Dev 1/Dev 2) on a db Cabinet Sentry Control Unit, a set of Tamper Switches can be installed. The Tamper Switches can be used on side/top panels of a cabinet. If the tamper switch opens, it will create an immediate alarm.
- **Use Digitus supplied Tamper Switches only. Do not use ordinary reed switches as these will cause the device to go into an alarm condition.**



Side View of db Cabinet Sentry Control Unit



Dev 1 Tamper Input

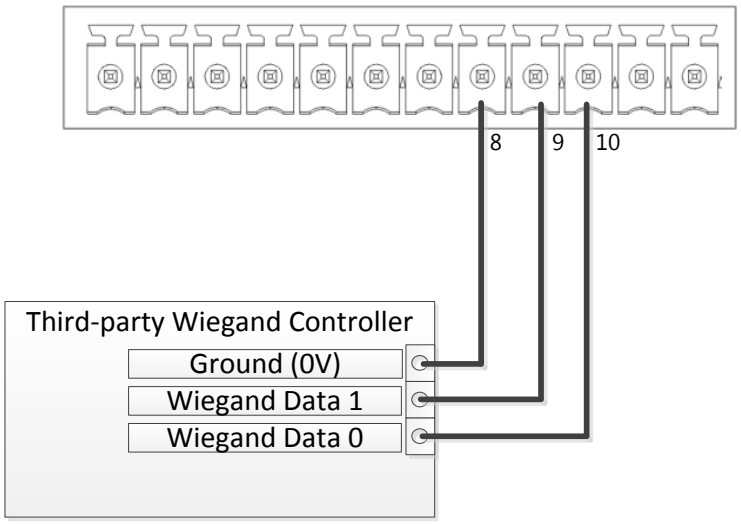


Dev 2 Tamper Input

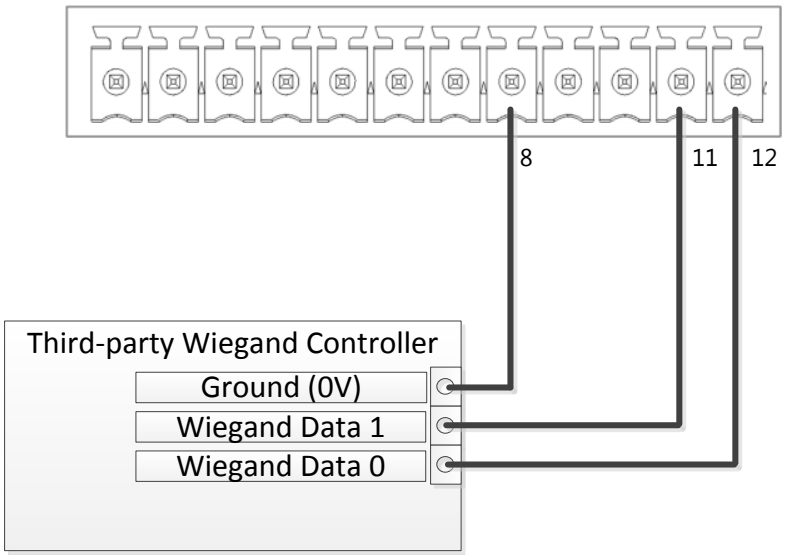
Wiegand Output

- The db Cabinet Sentry Control Unit offers two separate Wiegand outputs (one for each device), allowing seamless integration into third-party Access Control Systems.
- The Wiegand data format is very flexible, and is configured via the Digitus DAS-SQL software platform.
- The diagram shows how to connect a control unit to a third-party system.

Note the two Wiegand outputs share a common ground (GND) connection.



Wiegand Output for Device 1



Wiegand Output for Device 2

Attaching Lock Devices

Lock devices are connected to the db Cabinet Sentry Control Unit using the sockets shown in the diagram below.

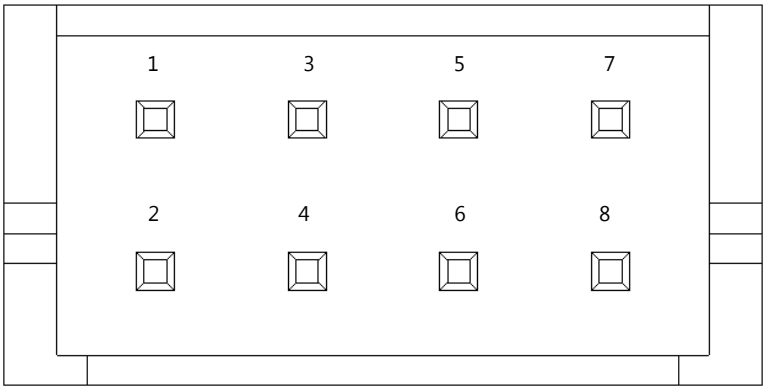
Each db Cabinet Sentry Control Unit has two device inputs, Dev 1 and Dev 2.

Instructions for the installation of the actual devices are included with the devices.

Device pinout diagram.

Pinout Legend

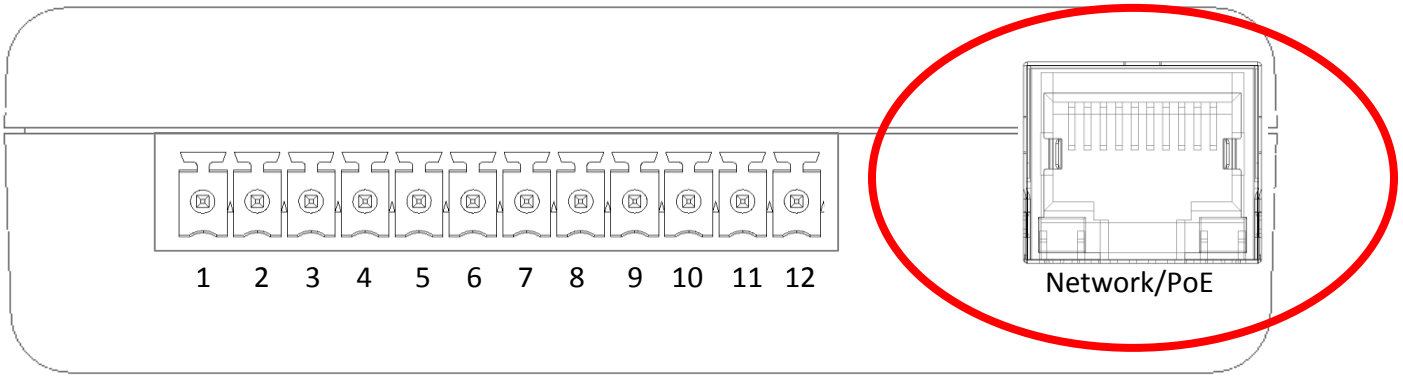
1. +12V
2. GND
3. Lock Status (In)
4. Lock Control (Out)
5. Data In (RX) /Wiegand D0
6. Data Out (TX) /Wiegand D1
7. GND
8. +5V



Network/PoE Switch Connection

Connect a network cable to the port as shown below. If you are using Power over Ethernet (PoE) this will also provide power to the db Cabinet Sentry Control Unit.

The db Cabinet Sentry Control Unit uses <0.03A at 48V.



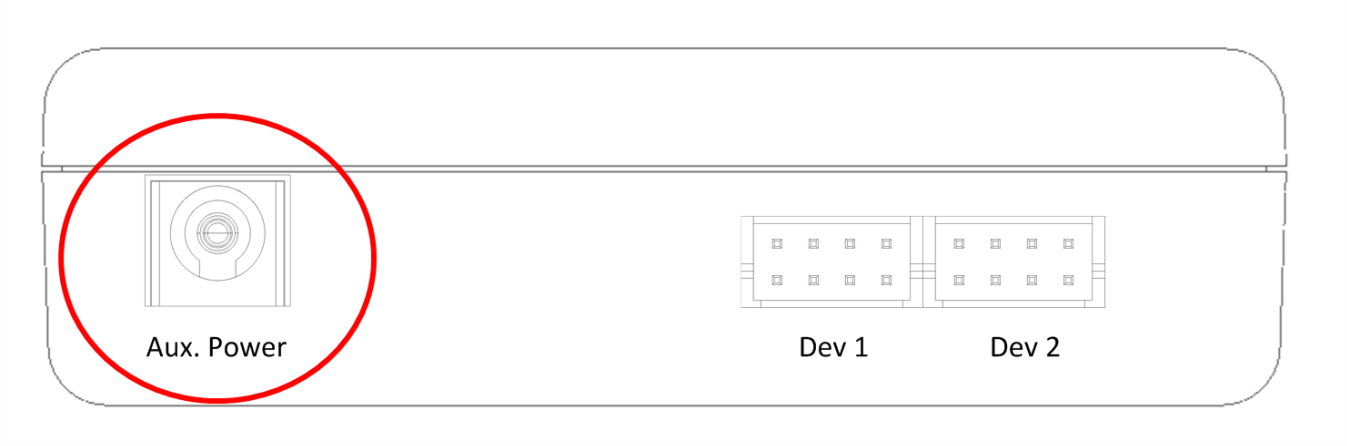
Connecting Auxiliary Power

The db Cabinet Sentry Control Unit will also support an auxiliary power supply (sold separately). This can be used in the following situations:

1. If PoE is not available.
2. As a backup or redundant power supply to the PoE. If power from the PoE connection is lost, the auxiliary power supply will automatically kick in.

Connect the auxiliary power supply as shown below.

****An auxiliary power supply can be purchased from Digitus Biometrics by referencing part number dbPower.****



Digitus Biometrics, Inc.
2 East Bryan Street, Suite 502
Savannah, GA 31401 USA

Phone: +1 912-231-8175
Fax: +1 912.629.9478
www.digitus-biometrics.com
support@digitus-biometrics.com

Specifications subject to change without notice.

