Use your Own Modem

You can use your own modem connected to your computer by selecting modem to modem in the connection option pull down menu. However, please note that existing modem-to-modem connections may become unreliable as telephone service providers update their systems and infrastructure. These factors are beyond the control of DoorKing and as such, DoorKing does not offer technical support for communication failures between a PC modem and the DKS entry system. If the modem connection is found to be functional at the entry system, troubleshooting the PC modem will be the responsibility of the owner.

Advantages of Cellular

- No phone line or network cable to run.
- No conduits or trenching.
- No obsolete slow modems – entry systems program much faster.
- Cellular service offers crystal clear sound – no hums or buzzes.
- Cellular service is practically immune to power surges and lightning damage.

DKS Cellular Service

The DKS Cellular Service is a fee based service that offers both voice and data transfer service for one low monthly fee without any long term contracts. Cellular service is provided by AT&T 4G LTE where available.

Please refer to the DKS Cellular Setup Guide for further information.

Remote Account Mgr Software

System Parameters

- System Name 1: DKS VoIP Voice & Data
- System Name 2: DKS Internet Services
- System Name 3: DKS Cellular

Remote Account Mgr Software

System Parameters

- System Name 1: DKS VoIP Voice & Data
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### 1830 Series Data Only Connection Options – Direct Wired / Wireless

**For use with Remote Account Manager Software 6.3.i or higher**

#### RS-232 Direct Connection (Cable)

The RS-232 connection can be used to connect the programming PC directly to the 1830 Series access controller. This type connection provides a data only link. A POTS phone line is used for voice communication.

Hardware Requirements at Entry System:
- RS-232 5-conductor, shielded serial cable direct to PC.
- POTS line required for voice communication.

Hardware Requirements at PC:
- Serial Port
- USB to serial adapter (P/N 1815-037) if a serial port is not available at the PC.

Other Considerations:
- Maximum distance from the entry system to the PC is 100 feet.
- Data transfer between PC and entry system limited to a single active transmission.
- Live transaction feature is available.

#### RS-232 to RS-422 Direct Connection (Cable)

This is similar to the RS-232 direct connection. However, the RS-232 signal is converted to an RS-422 format, allowing for a greater distance in the cable run.

Hardware Requirements at Entry System:
- RS-422 to RS-232 adapter (included in kit).
- CAT-5 cable direct to PC.
- POTS line required for voice communication.

Hardware Requirements at PC:
- RS-422 to USB adapter kit (P/N 1508-055).

Other Considerations:
- Maximum distance from the entry system to the PC is 4000 feet.
- Data transfer between PC and entry system limited to a single active transmission.
- Live transaction feature is available.

#### LAN (Local Area Network) Connection

This is similar to the RS-232 direct connection, but data is sent and received via your local area network (router).

Hardware Requirements at Entry System:
- 1830-185 TCP/IP adapter.
- CAT-5 cable from the router to the TCP/IP adapter.
- RS-232 cable from the TCP/IP adapter to the entry system.
- POTS line required for voice communication.

Software Requirements at PC:
- Wired or wireless connection to your router.

Other Considerations:
- Maximum distance from the TCP/IP adapter to the router is 325 feet.
- 1830-185 TCP/IP adapter will require manual configuration to access the router the PC is connected to. This will include port forwarding and access through the router firewall.
- Data transfer between PC and entry system limited to a single active transmission.
- Live transaction feature is available.

#### RS-232 Wireless Connection

This is the same as the RS-232 direct connection, but data is sent and received via a wireless interface. This provides an RS-232 connection in applications where running a cable is not practical.

Hardware Requirements at Entry System:
- Wireless Adapter Remote unit.
- TCP/IP adapter.
- POTS line required for voice communication.

Software Requirements at PC:
- Wireless Adapter Base unit.

Other Considerations:
- Distance from the entry system to the PC is line-of-site, 1000 feet maximum.
- 1830-185 TCP/IP adapter will require manual configuration to access the router the PC is connected to. This will include port forwarding and access through the router firewall.
- Data transfer between PC and entry system limited to a single active transmission.
- Live transaction feature is available.