1830 Series Voice + Data (programming) Connection Options

DKS DOORKING®

DKS Cellular

Simplest and easiest method to program DKS entry systems from your PC via the Internet using the AT&T Cellular network.

Hardware Requirements at Entry System

    Voice + Data Cellular adaptor (P/N 1800-080).

Hardware Requirements at PC

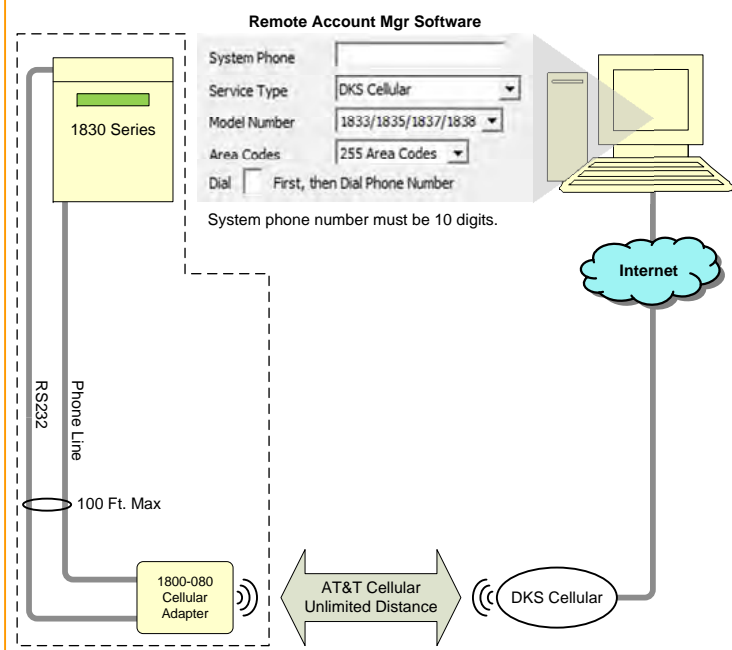   Internet connection (wired or wireless) for programming.

Other Considerations

    Programming and voice communication provided via AT&T 4G LTE Cellular network where available.

    RS232 connection from cellular adapter to 1830 Series entry system limited to 100 feet maximum.

    No POTS line required.

    Monthly cellular rates apply.

IM Sever Modem

Easy method to program DKS entry systems from your PC via the Internet using the POTS line at the entry system.

Hardware Requirements at Entry System

    POTS (Plain Old Telephone Service) telephone line. In some cases, digital phone service may negatively affect modem service. The IM Server Modem is not compatible with VoIP services.

Hardware Requirements at PC

    Internet connection (wired or wireless) for programming.

Other Considerations

    No additional hardware at entry system or PC.
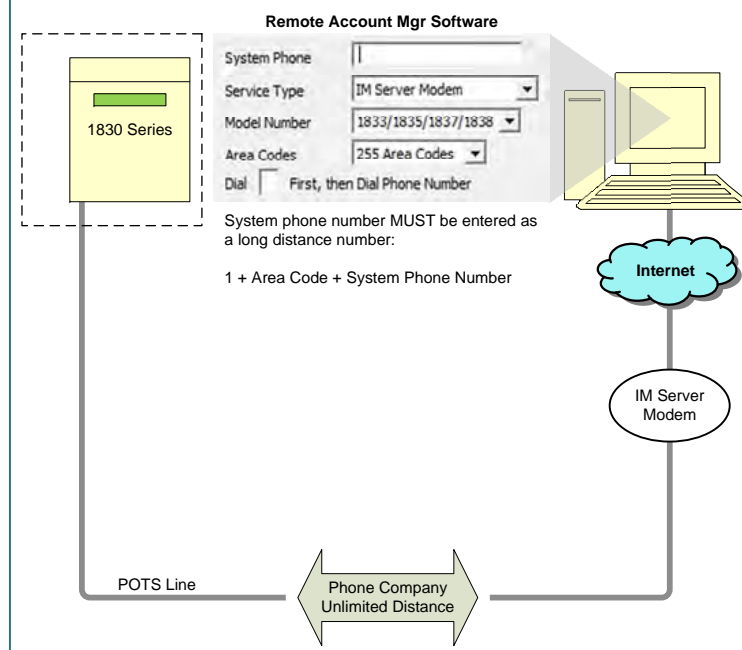
    No distance limitations.

    PC can connect to multiple systems simultaneously (through the internet) using this method.

    Backwards compatible, can be used with DKS systems 10+ years old with no hardware changes required.

    Live transactions are not available using this method.

    IM Server registration is required and is a fee based service.

    Modem communication can be spotty in certain areas and may not work at all in other areas. Modem communication using POTS lines may become unreliable as telecommunication providers update their systems to modern technologies that do not support modem communication.

IM Server Client Plug & Play

Using 1830-186 TCP/IP network adapter at the entry system, connecting via the internet is automatic via the IM Server Client host.

Hardware Requirements at Entry System

    TCP/IP Network adaptor (P/N 1830-186).

    Ethernet connection.

    Voice communication: POTS line OR VoIP Adapter by VoIP service provider.

Hardware Requirements at PC

    Internet connection (wired or wireless) for programming.

Other Considerations

    CAT-5 cable distance from entry system to router is limited to 325 feet.

    115 VAC power required at phone system to power network adaptor.

    PC can connect to multiple systems (through the internet) using this method.

    Live transactions feature is available using this method.

    IM Server registration is required and is a fee based service.

Via LAN / WAN Manual Setup

Using 1830-185 TCP/IP network adapter at the entry system, you can connect to the system by assigning an IP address to the network adaptor, or you can use a DDNS host address.

Hardware Requirements at Entry System

    TCP/IP Network adaptor (P/N 1830-185).

    Ethernet connection.

    Voice communication: POTS line OR VoIP Adapter by VoIP service provider.

    Static ISP Address or DDNS Host.

Hardware Requirements at PC

    Internet connection (wired or wireless) for programming.
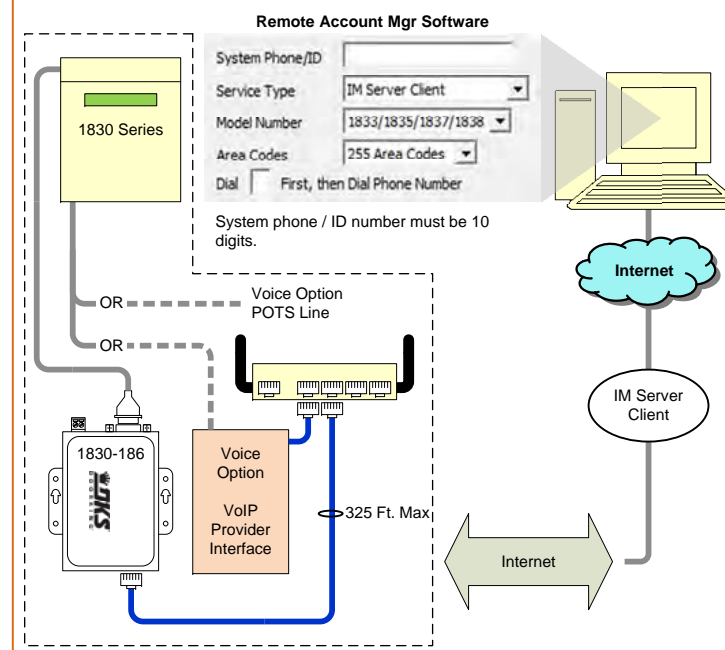
Other Considerations

    CAT-5 cable distance from entry system to router is limited to 325 feet.

    115 VAC power required at phone system to power network adaptor.

    PC can connect to multiple systems (through the internet) using this method.

    Live transactions feature is available using this method.

    Requires DDNS (Dynamic Domain Name Service) host service or Static ISP Address.

    Requires network configuration to establish port forwarding. May require firewall configuration to allow connection from outside the firewall.

DKS Cellular diagram

Remote Account Mgr Software

System Phone	
Service Type	DKS Cellular
Model Number	1833/1835/1837/1838
Area Codes	255 Area Codes
Dial	First, then Dial Phone Number

System phone number must be 10 digits.

1830 Series — RS232 — Phone Line — 100 Ft. Max — 1800-080 Cellular Adapter — AT&T Cellular Unlimited Distance — DKS Cellular — Internet

IM Sever Modem diagram

Remote Account Mgr Software

System Phone	
Service Type	IM Server Modem
Model Number	1833/1835/1837/1838
Area Codes	255 Area Codes
Dial	First, then Dial Phone Number

System phone number MUST be entered as a long distance number:

1 + Area Code + System Phone Number

1830 Series — POTS Line — Phone Company Unlimited Distance — IM Server Modem — Internet

IM Server Client Plug & Play diagram

Remote Account Mgr Software

System Phone/ID	
Service Type	IM Server Client
Model Number	1833/1835/1837/1838
Area Codes	255 Area Codes
Dial	First, then Dial Phone Number

System phone / ID number must be 10 digits.

1830 Series — OR — OR — Voice Option POTS Line — 1830-186 — Voice Option — VoIP Provider Interface — 325 Ft. Max — Internet — IM Server Client

Via LAN / WAN Manual Setup diagram

Remote Account Mgr Software

System IP Address	
Service Type	Network
Model Number	1833/1835/1837/1838
Area Codes	255 Area Codes
Dial	First, then Dial Phone Number

System phone / ID number must be 10 digits.

1830 Series — OR — OR — Voice Option POTS Line — 1830-185 — Voice Option — VoIP Provider Interface — 325 Ft. Max — Internet