Use these instructions when using the TCP/IP adapter part number 1830-185. This device is a manual setup (no subscription required). For Plug and Play setup (no manual setup required) use TCP/IP adapter part number 1830-186 (DKS Data over IP or DKS VoIP Voice + Data subscription service required).

You can use the 1830-185 Converter Kit with the following DKS Systems:

Refer to these instruction manuals for additional information:
P/N 1835-086 Remote Account Manager Software User Manual

**Connection via INTERNET**

- Network selected in Remote Account Manager Software.

**Connection via LAN**

- Network selected in Remote Account Manager Software.

**Connect Converter to 1830 Series Circuit Board RS-232 Terminals**

- RS-232 wire runs limited to 500 Ft. Maximum.
- RS232 wire terminal on telephone entry / access control system circuit board

**General Information**

- Ethernet wire runs limited to 330 Ft. Maximum.
Use these programming instructions only if the factory defaults in the converter need to be changed

A Windows (Computer) Settings

The following defaults in the CONVERTER are factory set. If they are satisfactory to your system, there is no need to change them.

- **IP Address**: 192.168.1.40
- **Gateway**: 192.168.1.1
- **Mask**: 255.255.255.0
- **Baud**: 19200

If these defaults are not satisfactory, navigate to Local Area Connections in Windows. (Start – Control Panel – Network Connections – Properties)

Highlight Internet Protocol (TCP/IP)

Then click Properties to show the Internet Protocol (TCP/IP) Properties Window.

Before proceeding, write down the numbers (or take a screen print) in this window. You are only going to change the IP Address and you will need to use the same IP Address number back when programming of the CONVERTER is complete.

Ex: write down the numbers: (These numbers will not be the same in your computer)

- **IP Address**: 10.43.76.171
- **Mask**: 255.255.255.0
- **Default gateway**: 10.43.76.211
- **Preferred DNS server**: 10.43.76.198
- **Alternate DNS server**: 10.43.76.158

**IMPORTANT!** When you are finished configuring the CONVERTER, you must set the IP Address back to the original settings in order to get access back to your network.

B Connect 1830-185 for Programming

1. Unplug the network cable from your PC.
2. Using the network cable supplied with the 1830-185 kit, plug one end into your PC and the other into the CONVERTER.
3. Power the CONVERTER with the supplied power supply.
4. When completed, don’t forget to plug the network cable back into the PC and the 1830-185 cable back into the router.

C Accessing the 1830-185 Menus

1. Open any browser and type in the address of the CONVERTER: http://192.168.1.40
2. Enter the User name and pass word:
   - **User name**: admin
   - **Pass word**: admin

You can access settings of the CONVERTER by using the menu at the left in the Status and Configuration screen. Only selections 1, 2 and 6 apply to this module.

**IMPORTANT!** You DO NOT change the password on the authentication screen. DoorKing will not be able to assist you if you don’t know your ID or password. This status system window is informational and there’s no need to change anything there.

**Reset**

1. Remove power from module.
2. Press the Reload button and apply power.
3. Hold the reload button for 3 seconds, then release.

Module is now reset. TCP IP address will be 192.168.1.40. User name and password will be admin. All other settings will need to be reconfigured.

**IMPORTANT!** When you are finished configuring the CONVERTER, you must set the Internet Protocol (TCP/IP) Properties screen on your PC back to its original settings in order to get access back to your network.

D Changing 1830-185 Settings

Follow the instructions to get to the Internet Protocol (TCP/IP) Properties screen and then put your old settings back.

Don’t forget to plug the network cable back into the PC and the CONVERTER cable back into the router.