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Ingenico Ethernet Configuration

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REVISION HISTORY

Date	Version	Author(s)	Comments
5/6/16	2.0	C. Meaney	Reformatting
8/28/17	2.1	C. Meaney	Added explanation for using static setting in DHCP environment.
5/22/19	2.2	C. Meaney	Added note in DHCP setup section for variation in Ingenico device menu.

CONFIDENTIALITY STATEMENT

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Overview

This document contains details for configuring an Ingenico device to operate in a static or dynamic (DHCP) IP environment.

DHCP environment

Perform the steps in this section to enable the device to work in a DHCP environment.

NOTE: This procedure provides a workaround whereby the Ingenico configuration is set to Static, even though the device will operate in a DHCP environment. This is done purposefully. For Ingenico devices that communicate with a POS application, the POS application might be unable to locate the Ingenico device if the device obtains a new IP address. This procedure is written assuming that this problem exists with the POS software. If the POS software can correctly detect the Ingenico's MAC address (or other unique identifier), then you would not select "Static" in step *2h* below.

In the Ingenico device:

1. Locate the IP address in the device, as follows:

    a. On the Ingenico device, press **F** or **+** if the F key is not present on the keypad.

    b. Key in the admin password 3300 followed by **Enter.**

    c. Select **Telium Manager**.

    d. Select **Consultation.**

    e. Select **Configuration.**

    f. Select **Hardware.**

    NOTE: For iCT2xx devices only, select **On Display**. Skip this step if your device is not an iCT2XX.

    g. Select **Hardware Infos.**

    h. Select **Ethernet.**

    i. Write down the IP addresses labeled IPADDR, Gateway, DNS1, and DNS2 (if available). You will need this information in the next step.

2. Set the device IP connection to static and update the IP address, Gateway, DNS1, and DNS2 (if available).

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a. Press **F** or **+** if the F key is not present on the keypad.

b. Key in the admin password (3300) followed by **Enter**.

c. Select **Telium Manager**.

d. Select **Initialization**.

e. Select **Hardware**.

f. Select **Ethernet Setup.**

g. Select **Boot Proto.**

h. Select **Static** and press **Enter.**

i. Select **IP address.**

j. Key in the IP address and press **Enter.**

> **NOTE:** Each octet (segment) of the IP address requires 3 digits. Enter leading zeros where required. For example, for 192.168.1.23, enter 192.168.001.023

k. Scroll down and select **Save**.

l. Repeat steps *2i* through *2k* for the Gateway, DNS1, and DNS2 values. In some cases you might not need to make any changes to the values.

m. Allow the terminal to reboot.

In the POS or utility:

For the POS or utility used to open a socket connection and send the HTTP Post to the terminal device, configure the POS or utility to use the Ingenico's IP address (from the preceding procedure) and Port 6200. This will enable the application to communicate with the device.

Static environment

Perform the steps in this section to enable the device to work with a static IP address.

In the Ingenico device:

In this procedure you will set the device IP connection to static and update the IP address, Gateway, DNS1, and DNS2 values to the Network Configuration. Be sure to assign an IP within the Network that is currently not in use by another machine/device.

1. Press **F** or **+** if the F key is not present on the keypad.

2. Key in the admin password (3300) followed by **Enter.**

3. Select **Telium Manager**.

4. Select **Initialization**.

5. Select **Hardware**.

6. Select **Ethernet Setup**.

7. Select **Boot Proto**.

8. Select **Static** and press **Enter**.

9. Select **IP Address**.

10. Key in the IP address and press **Enter**.

NOTE: Each octet (segment) of the IP address requires 3 digits. Enter leading zeros where required. For example, for 192.168.1.23, enter 192.168.001.023

11. Select **Gateway.**

12. Key in Gateway address and press **Enter**.

13. Select **DNS1.**

14. Key in DNS1 address and press **Enter.**

15. Select **DNS2**.

16. Key in DNS2 address and press **Enter**.

17. Scroll down and select **Save**.

18. Allow the terminal to reboot.

In the POS or utility:

For the POS or utility used to open a socket connection and send the HTTP Post to the terminal device, configure the POS or utility to use the Ingenico's IP address (from the preceding procedure) and Port 6200. This will enable the application to communicate with the device.