

# INSTALLATION PROCEDURE FOR WLAN ON THE T200 IDENT PRINTER

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## 1. INTRODUCTION

The aim of this document is to provide instruction for configuring the TE Connectivity (TE) T200 Ident printer (EC6996-000) with a fixed Internet Protocol (IP) address to allow wireless connection to a local area network (WLAN).

These instructions are applicable to T200 Ident firmware versions v4.20 and later.

## 2. USB DONGLE SUPPORT

The T200 Ident printer supports WLAN dongles that meet the chipsets based upon rt2500, rt1501, rt2573 or rt73. TE does not recommend an exact make or model for use with the T200 Ident printer. It is the user responsibility to source a suitable make and model that meets the chipset requirements and is compatible with the T200 Ident printer.

### 2.1. USB Dongle Requirements

In addition to a compatible WLAN dongle the user will also require a WLAN hub and a USB keyboard.

This document will not describe how to configure the WLAN hub but would recommend the user configures their WLAN hub to:

- IP address within their company network.
- Subnet mask to match user company specification or default to 255.255.255.0
- “Enable Wireless Access Point” enabled
- “Allow Broadcast of Name (SSID) enabled
- Protocol set to “Mixed WPA-PSK + WPA2-PSK”
- “User as router” or “DHCP Server” if available
- Starting and Ending IP address set to be within company parameters
- Region and Channel as dictated by location and user company policy.

### 2.2. USB Ports

The T200 Ident printer has two low current USB ports on the front of the printer and a single high current port on the rear of the printer, see Figure1 item 2. It is recommended that the WLAN USB dongle be plugged into the rear socket.

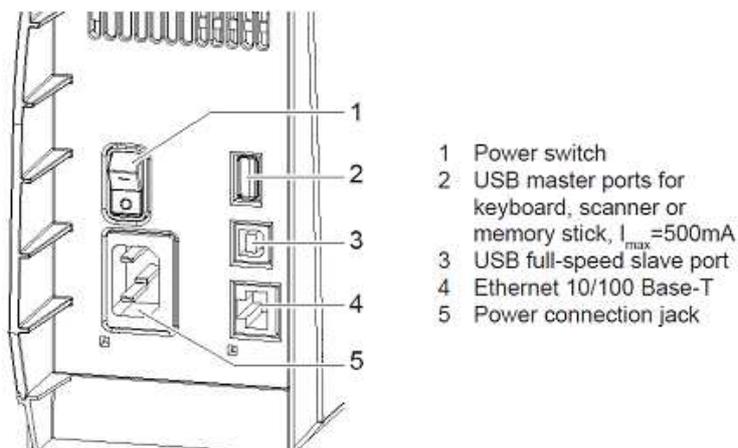


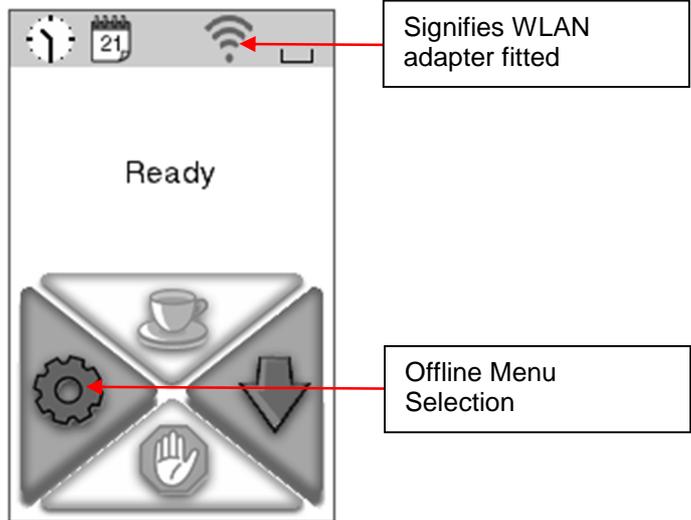
Figure 1 - T200 Ident Printer Connections



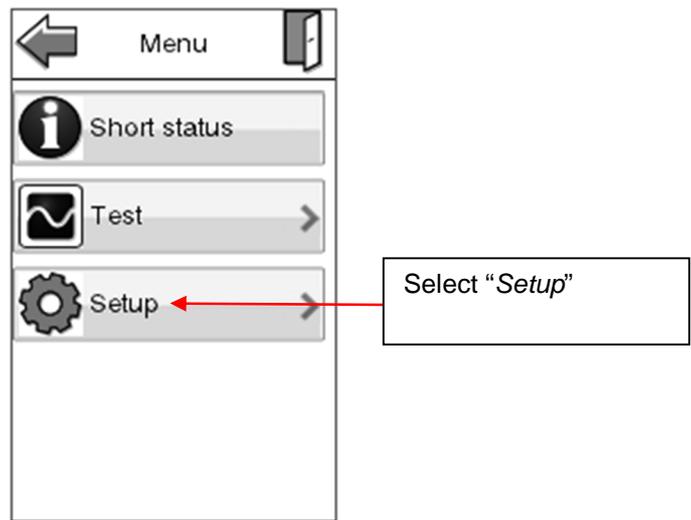
Figure 2 - USB WLAN dongle fitted

### 3. T200 IDENT PRINTER MENU SELECTION

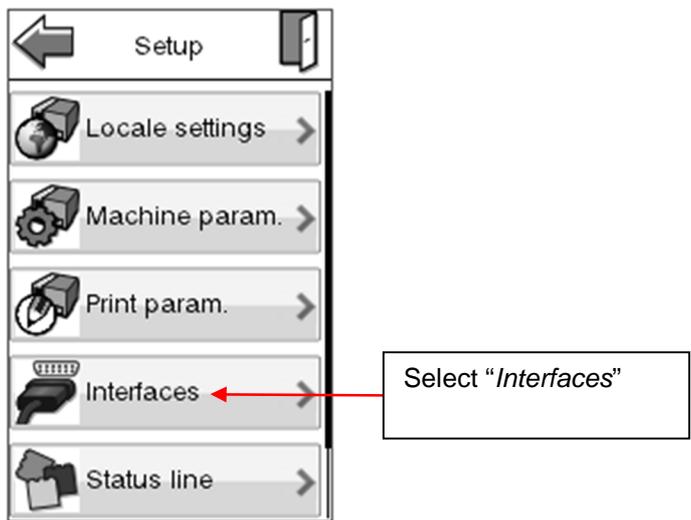
3.1. On the T200 Ident printer Start Display select the  symbol.



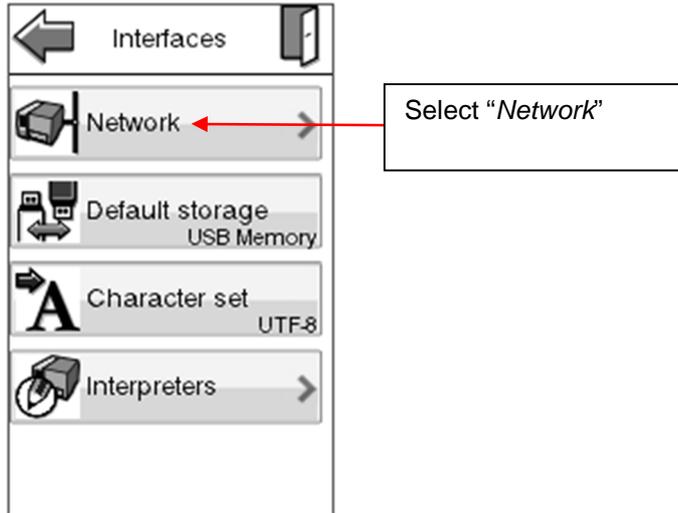
3.2. On the Offline Menu select "Setup".



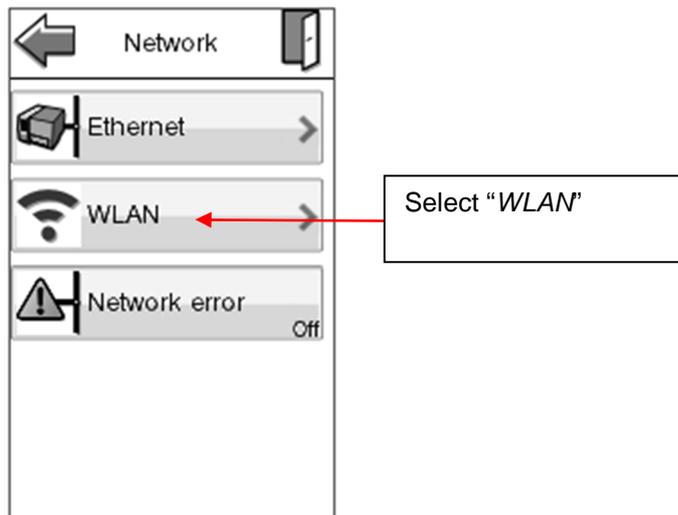
3.3. On the Setup menu select "Interfaces".



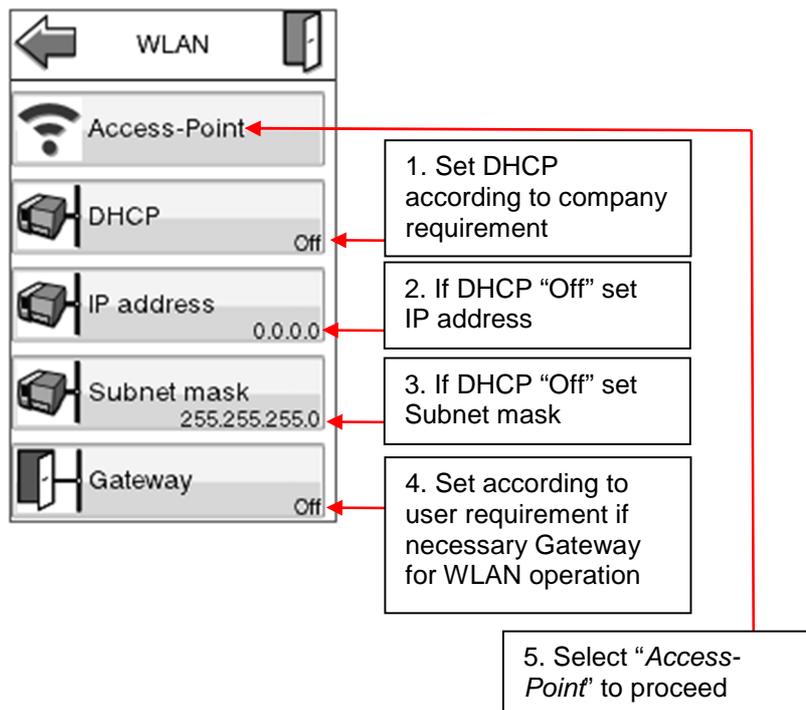
3.4. On the Interfaces menu select "Network".



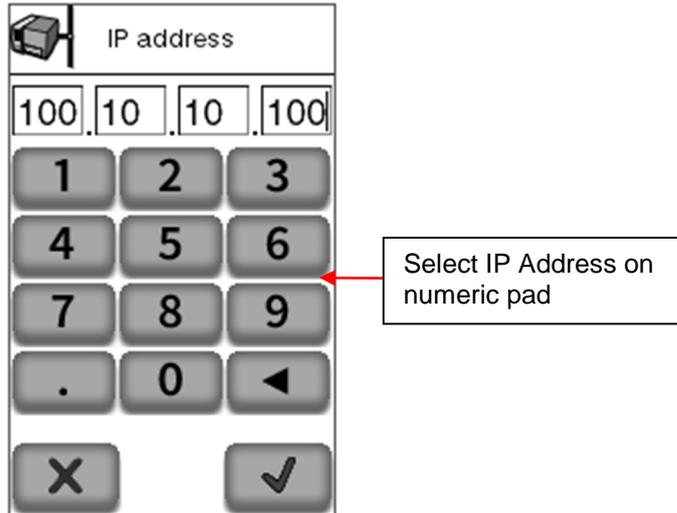
3.5. On the Network menu select "WLAN".



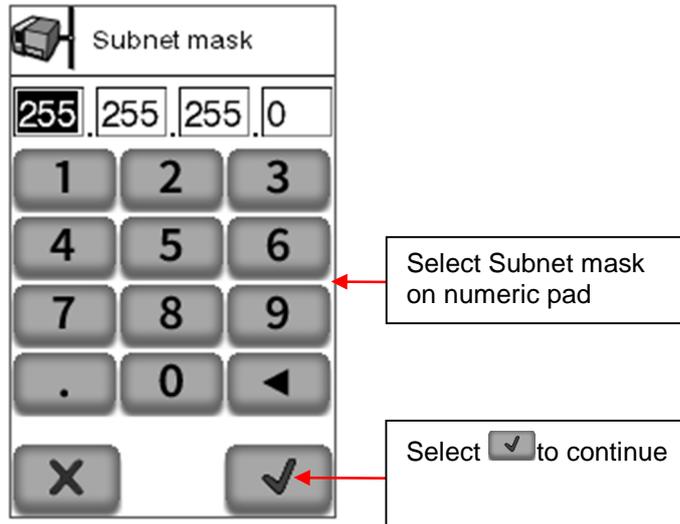
3.6. On the WLAN menu ensure the menu selections are as required. Select "Access-Point" to continue.



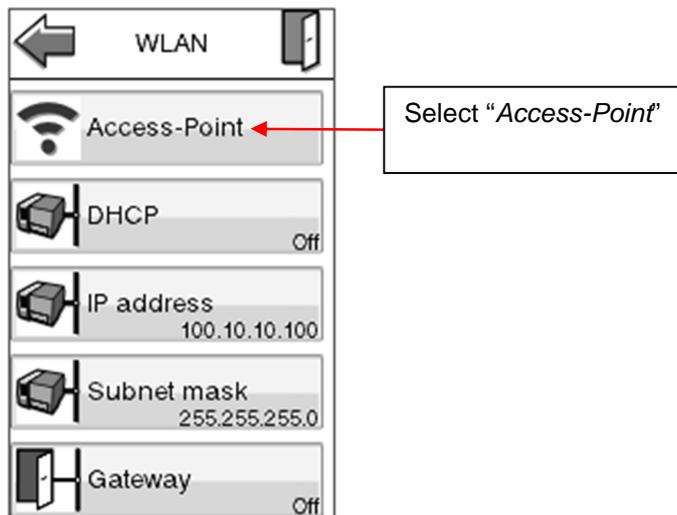
3.7. Selecting *IP address* opens the IP address screen. The user can use the on-screen touch pad to select the fields and input the IP address numbers. Selecting  completes the IP address input.



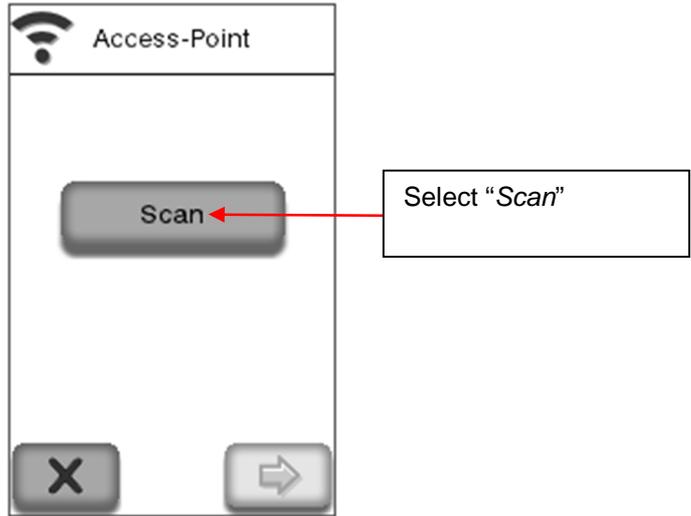
3.8. Selecting *Subnet mask* opens the Subnet mask screen. The user can use the on-screen touch pad to select the fields and input the Subnet mask numbers, default value for this is 255.255.255.0. Selecting  completes the Subnet mask input.



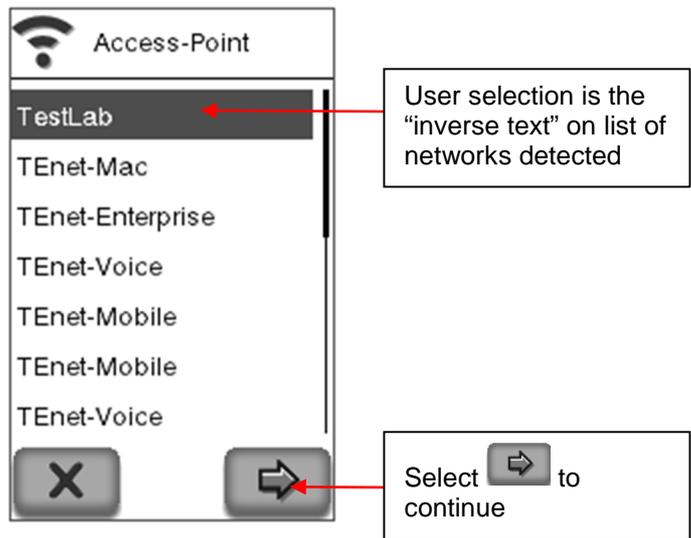
3.9. On the WLAN menu select "*Access-Point*".



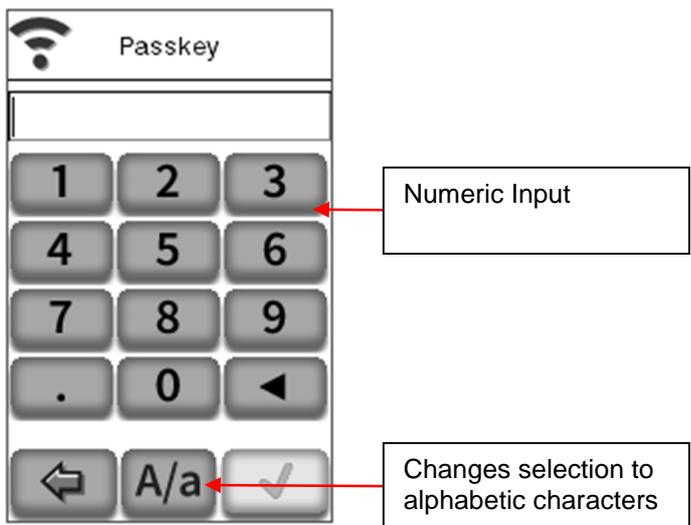
3.10. On the Access Point menu select "Scan".

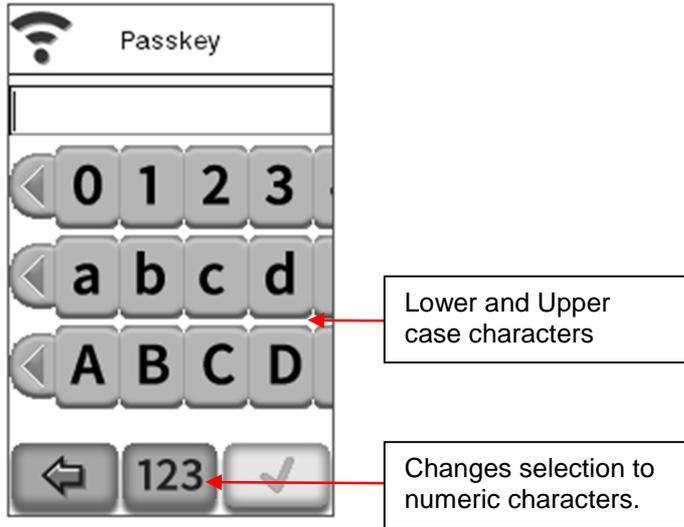


3.11. The Scan function detects all available local area networks. The user must select the network they have access to. To continue the user must select 

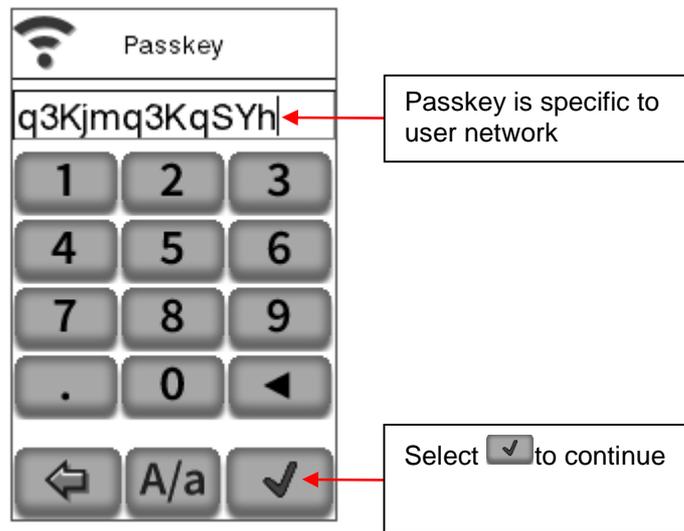


3.12. If the network is protected a Passkey is required. The user can use the on-screen touch pad to select the values for the network passkey.



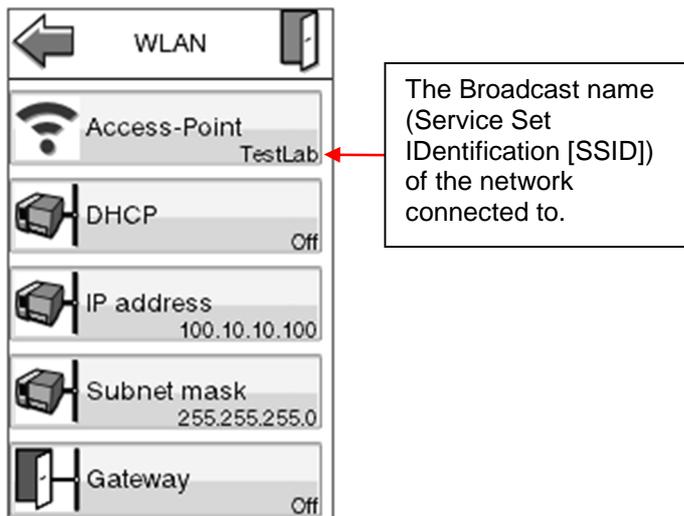


3.13. As an alternative to using the keypad it is also possible to enter the passkey details via a USB keyboard connected to the printer. Enter the network Passkey and select  to continue



3.14. If the connection to the network was established the user returns to the WLAN menu.

Selecting closes menus and completes the WLAN setup.

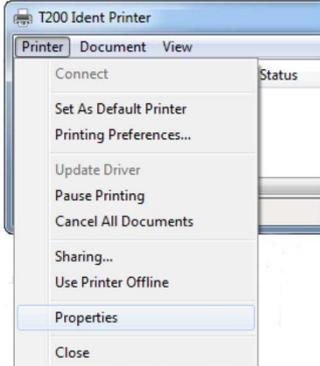
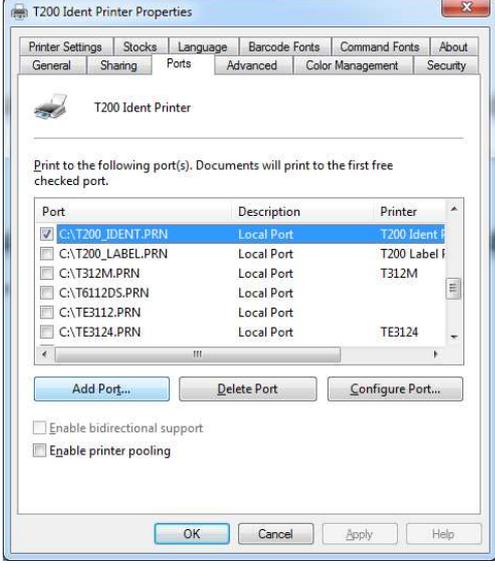


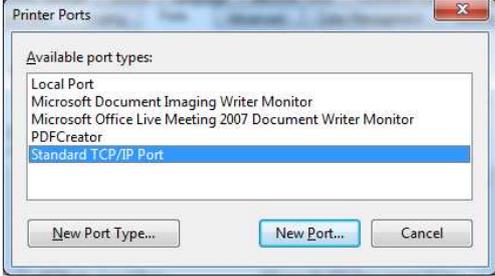
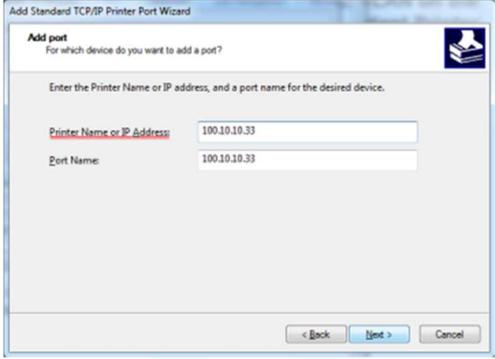
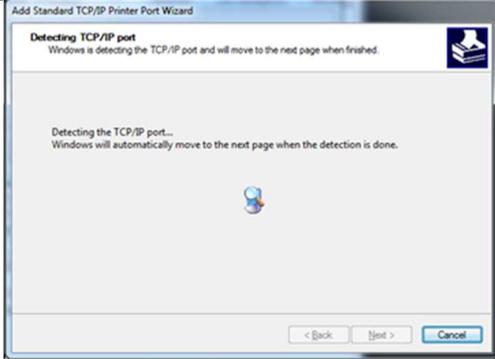
3.15. If the IP address is assigned to DHCP, identify the IP address by accessing the "Short Status" from the Offline menu.

## 4. WINDOWS PORT CONFIGURATION

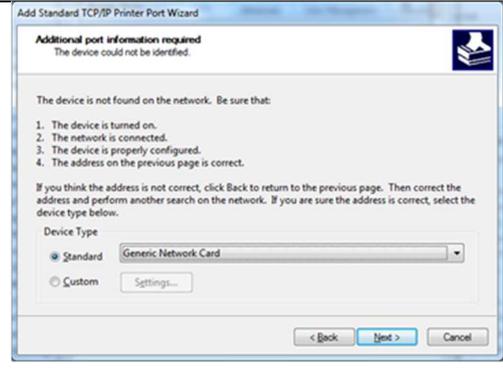
To print to the T200 Ident printer via the wireless network it is necessary to configure a port on the host PC. This procedure is carried out assuming the user has already installed a T200 Ident printer/driver. If the user has not installed a T200 Ident printer/driver then please refer to TE document “411-121010 Procedure for the Installation of TE Printer Drivers”

### 4.1. Windows 7

<p>4.1.1. From the “Start” menu, select “Devices and Printers”.</p>	
<p>4.1.2 On the “Devices and Printers” dialog select the T200 Ident Printer:</p>	
<p>4.1.3. If the user double-clicks the selection the printer queue display is opened, select the Printer drop down menu and click the Properties option:</p>	
<p>4.1.4. On the T200 Ident Printer Properties dialog, select the Ports tab and click “Add Port”:</p>	

<p>4.1.5. This spawns the Printer Ports dialog, select "Standard TCP/IP Port" (TCP/IP:-Transmission Control Protocol/Internet Protocol) and click "New Port":</p>	
<p>4.1.6. This opens the "Add Standard TCP/IP Printer Port" Wizard, select "Next to continue:</p>	
<p>4.1.7. The "Add Port" dialog opens. Input the IP Address used in step 3.7 or that identified as DHCP address in step 3.15 into the "Printer Name or IP Address" text box. This entry is duplicated in the "Port Name" text box. Select "Next"</p>	
<p>4.1.8. The wizard will try and detect the TCP/IP port and will auto-progress if it detects the port.</p>	

4.1.9. If the wizard fails to detect the TCP/IP port the wizard will request additional information to manually configure the port. The default Device Type of “Standard” and “Generic Network Card” should be left as the selected options.



4.1.10. Selecting “Next” completes the port configuration, select “Finish” to close the wizard.



4.1.11. Select “Close” on the printer ports dialog.

4.1.12. The TCP/IP port will now be displayed in the list of ports and the T200 Ident printer will be assigned to it as shown by the tick in the checkbox.

