


WP-5000 CE 5.0 OS 1.1.1.0 Release Notes

Release Date: 05/29/2012

Key Features:

Features	Supported	Description
Windows CE 5.0 Core OS	Yes	
OS Language	Yes	WP-5000-EN: Multi-language <ul style="list-style-type: none"> - English - German - Russian - French - Spanish - Italian - Korean WP-5000 -SC: Simplified Chinese WP-5000 -TC: Traditional Chinese
.NET Compact Framework 2.0 .NET Compact Framework 3.5	Yes	V2.0.7045 for Visual Studio .Net 2005/2008 V3.5.7283.0 for Visual Studio .Net 2008
SQL CE 3.5	Yes	SQL CE 3.5 (3.5.5386.0)
FTP Server	Yes	
HTTP Server	Yes	
Telnet	Yes	
Printer	Yes(PCL 6)	Support for HP Laser Jet printers with USB and Ethernet interfaces
Display Resolution	Yes	800 * 600, 640 * 480
Touch Panel	Yes	Support for touch panels using the RS-232 and USB interfaces
XW board 	Yes	Support modules: <ul style="list-style-type: none"> XW107 (8 DI, 8 DO) XW506 (RS-232 * 6) XW507 (6 DI, 6 DO, RS-485 * 1) XW509 (4 DI, 4 DO, RS-232 * 2) XW511i (RS-485 * 3) XW514 (RS-485 * 8)

Software and Hardware Compatibility

Software		Hardware		
OS	Eboot	V1.6	V2.21	V2.4
V1.1.1.0 [05/29/2012]	V1.2.0.0	Yes	Yes	(* Note 1)
V1.0.0.0 [03/22/2011]	V1.0.0.0	Yes	Yes	-

Note1:

OS 1.1.1.0 works well on hardware v2.4 except support for COM 2 and COM 3.

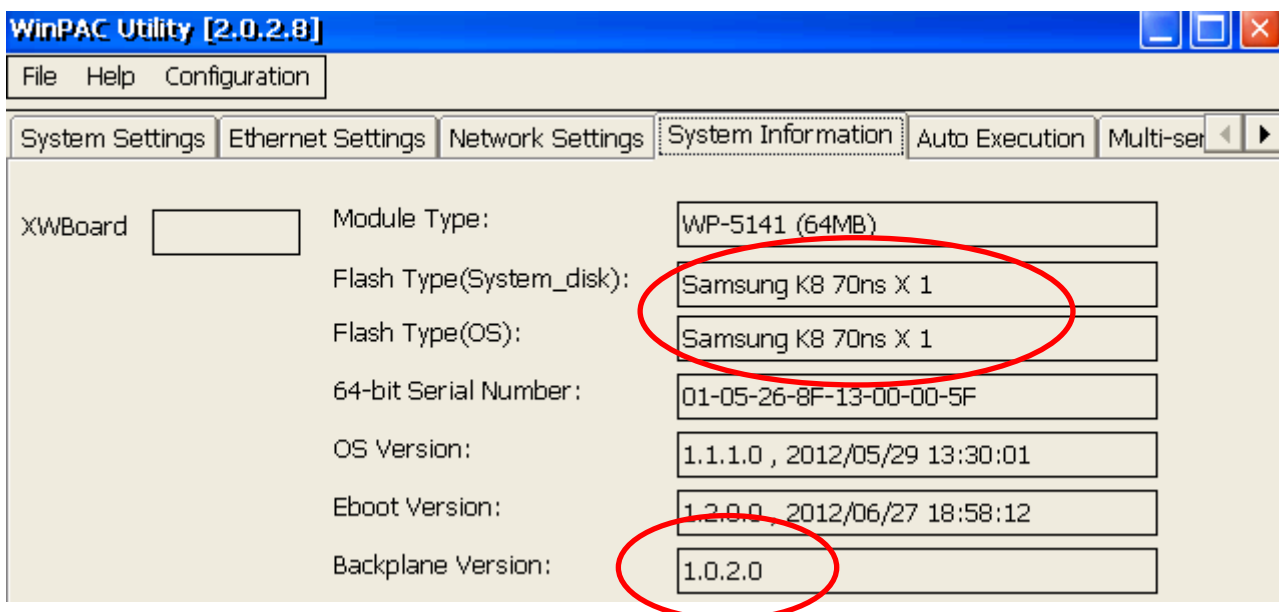
Note2:

1. V1.6 hardware is equipped with the PXA270 CPU and Samsung K8 70ns chip.
2. V2.21 hardware is equipped with the PXA270M CPU and MXIC MX29GL256F chip.
3. V2.4 hardware is equipped with the PXA270M CPU and MXIC MX29GL256F chip, while COM 2 and COM3 use the 16C950 chip.

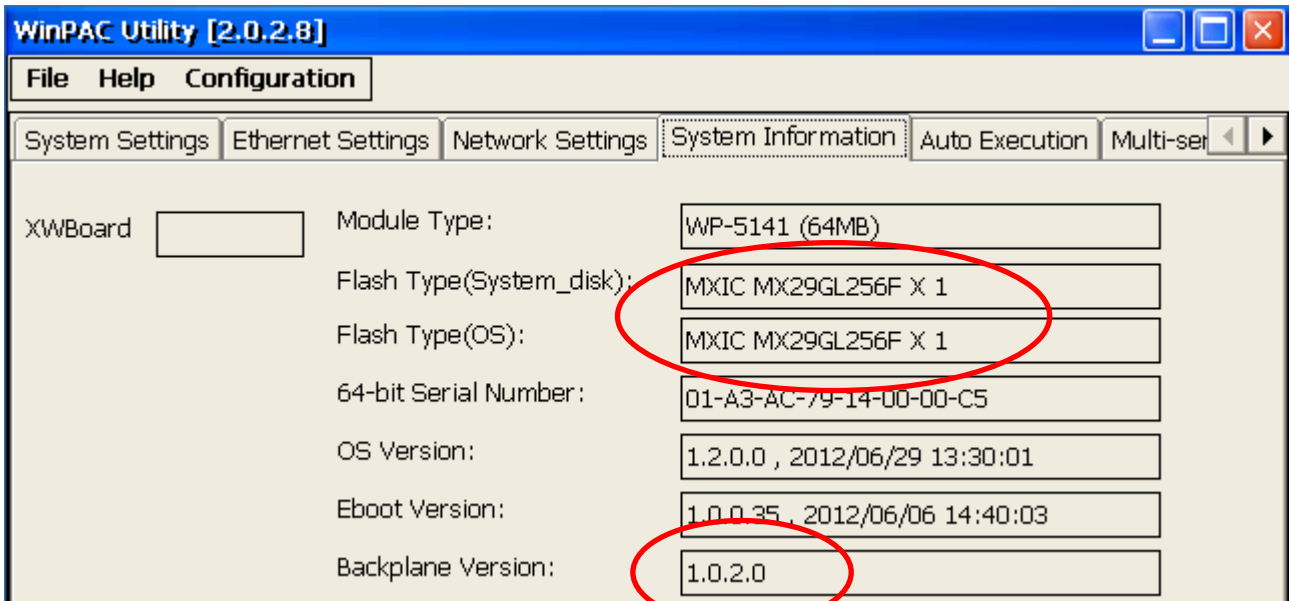
How to determine the Hardware version number

From the information displayed on the “System information” tag in WinPAC Utility (Ver. 2.0.2.8 and later), you can determine the hardware version number as below:

Hardware v.1.6: Samsung K8 70ns + Backplane 1.0.2.0



Hardware V2.21: MXIC MX29GL256F + Backplane 1.0.2.0



Hardware V2.4: MXIC MX29GL256F + Backplane 1.0.82.0

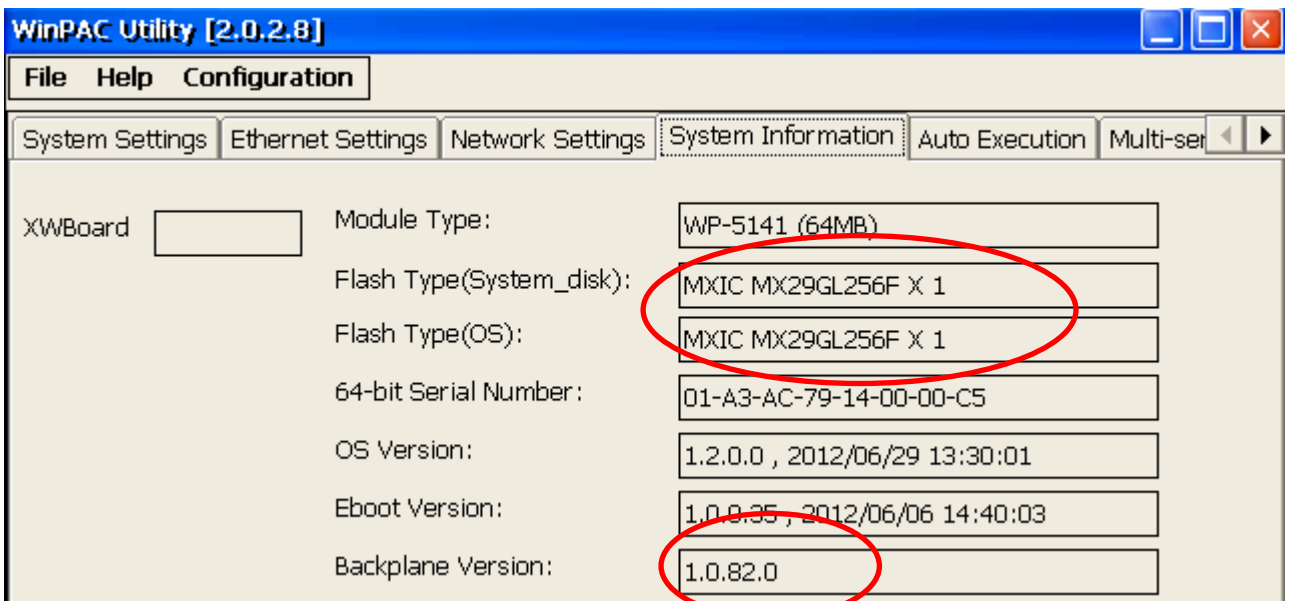


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OS Version 1.1.1.0 [05/29/2012]

Abstract

This release adds support for SMB File Server to share data through Ethernet, hiding desktop icons, Korean User Interface and Input Method Editor, and NET Compact Framework 3.5; adds StudioSNMP-related files and a function for using console controls on safe mode, and updates the DM9000 driver to fix the issues of communication fault and maximum speed displayed.

New Features

- Added support for SMB File Server for sharing data through Ethernet. (Page 6)
- Added support for the Korean User Interface and Input Method Editor.
- Added support for .NET Compact Framework 3.5
- Added support for InduSoft StudioSNMP-related files.
- Added a function that allows desktop icons to be hidden.
- Added support for using COM 1 as a console port on safe mode.
- Added support for the hardware V2.21 and V2.4. (Page 2)

Bug Fixes and Improvements

- Resolved an issue of a startup program fault that was caused by the relevant driver being loaded later than the execution of the startup program.
- Updated the driver for the DM9000 to show connection speeds up to 100MB/second.
- Rectified the problem that caused LAN1/2 to intermittently fail after rebooting.

Eboot 1.2.0.0 [06/27/2012]

- Added support for the MXIC MX28GL256F Flash chip on hardware Ver. 2.21.

Software and Hardware Compatibility

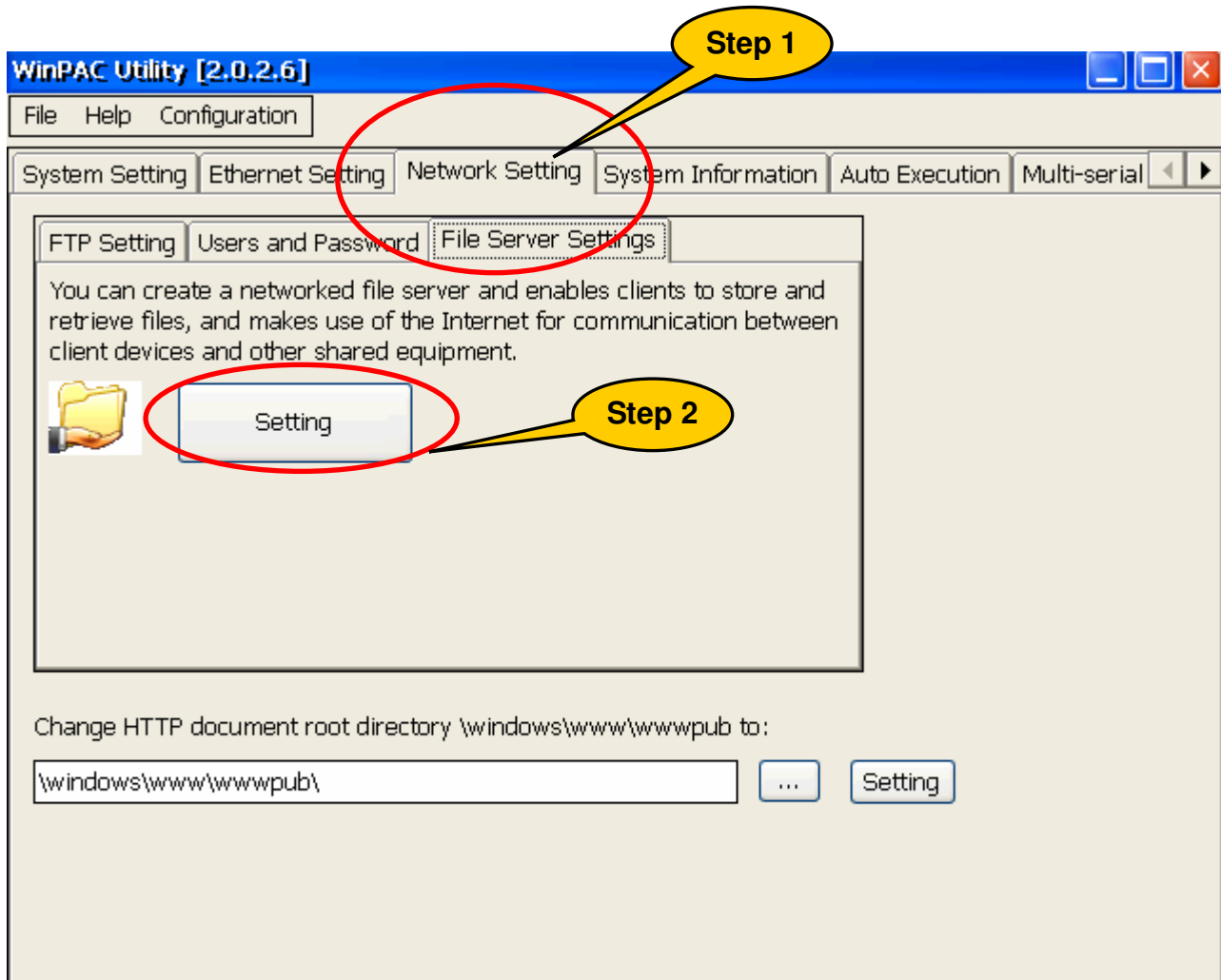
Software		Hardware		
OS	Eboot	V1.6	V2.21	V2.4
V1.1.1.0 [05/29/2012]	V1.2.0.0	Yes	Yes	(* Note 1)

Configuring the SMB File Server

Note: Only V2.0.2.5 of the WinPAC Utility and later provides support for File Server settings.

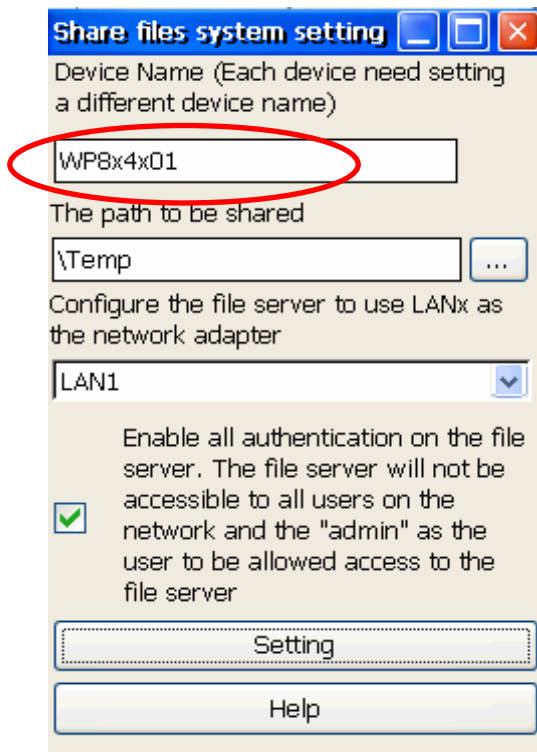
Step 1: Execute the WinPAC Utility and select the “Network Settings” ->”File Server Settings” tab.

Step 2: Click the “Setting” button.



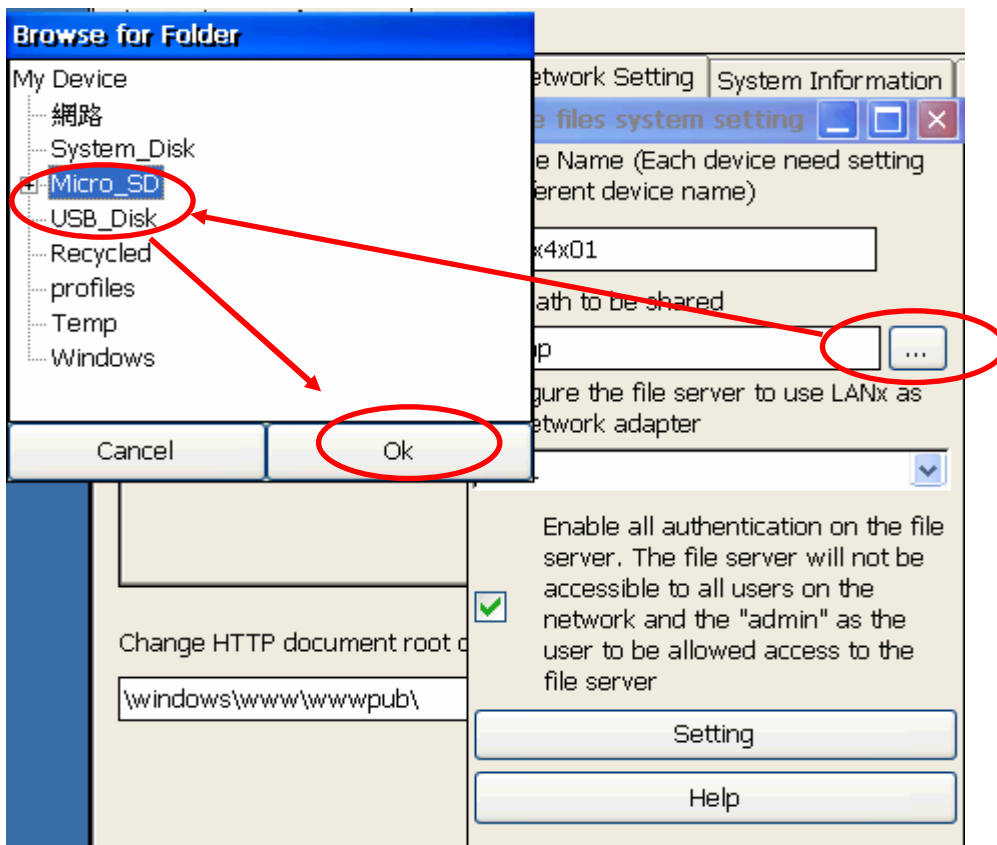
Step 3: Enter the device name.

Note: If the LAN network contains several devices, ensure that different device names are set for each device.



Step 4: Specify the share folder, and then click OK.

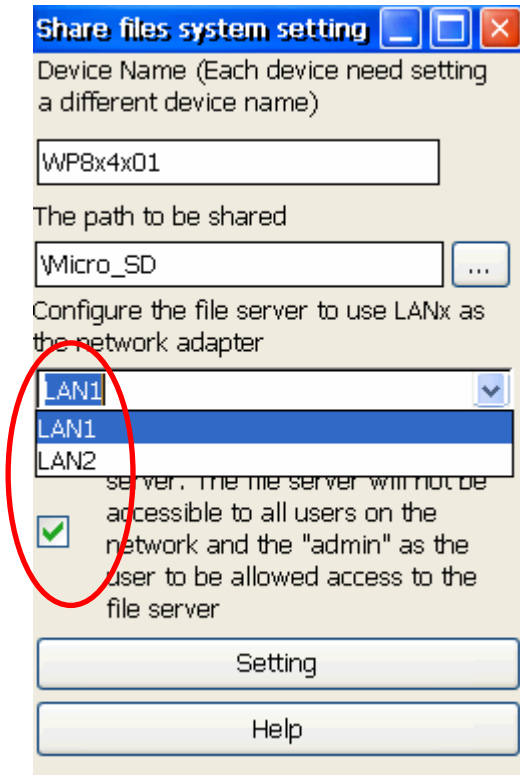
Note: The name of the share folder must not contain any reserved characters.



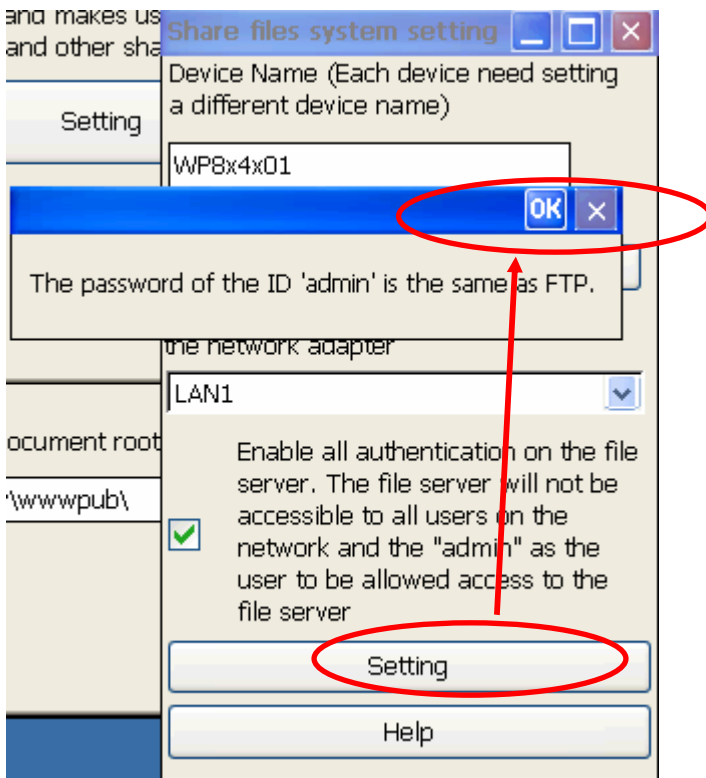
Step 5: Choose the LAN adapter to be used as the gateway for the File Server.

Note 1. The File Server and the FTP server use the same ID and password.

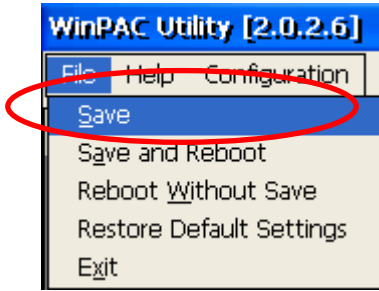
2. Checking the checkbox below the LAN adapter allows all users to connect to the File Server.



Step 6: Click the "Setting" button and the press OK on the pop-up dialog box.



Step 7: Select the “Save” option from the “File” menu to save the settings.



Step 8: On the PC client, enter the IP address for the LAN chosen in step 5, or enter the device name following a double backslash like “\\device name” (e.g., \\WP5xxx01) in the address bar of the web browser, and press the Enter key, then enter the ID and password to connect to the File Server.

Note: If you cannot use the IP address for the specified LAN to connect to the network share folder, you can use the “\\device name” path to connect to the File Server.

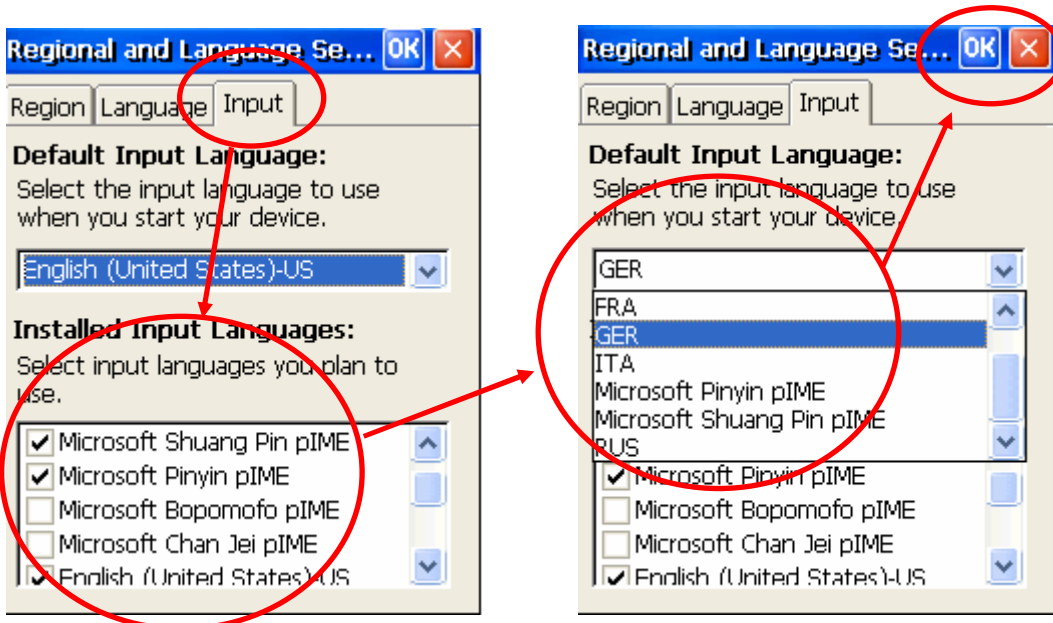


Changing the User Interface and the Input Method Editor

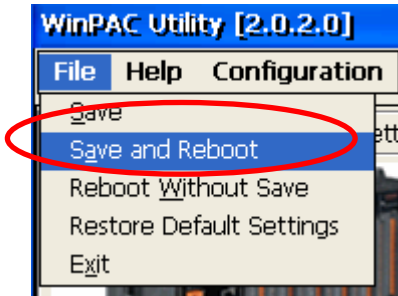
Step 1: Double-click the Regional Settings icon in the Control Panel, and then click the Language tab to select the User Interface Language.



Step 2: Click the Input tab and the check the boxes for the input languages you wish to use, and then select the input language to use when you start your device.



Step 3: Execute the WinPAC Utility from the desktop and select the “Save and Reboot” option from the “file” menu to save the settings and reboot the device.



OS Version and Supported Languages

OS version		English	German	Russian	French	Spanish	Italian	Korean	Simplified Chinese	Traditional Chinese
<i>V1.0.0.0 and earlier</i>	EN	△	✓	✓	✓	✓	✓			
	TC	✓								△
	SC	✓							△	
<i>V1.1.1.0 and later</i>	EN	△	✓	✓	✓	✓	✓	✓		
	TC	✓								△
	SC	✓							△	

△: The default OS user interface language.

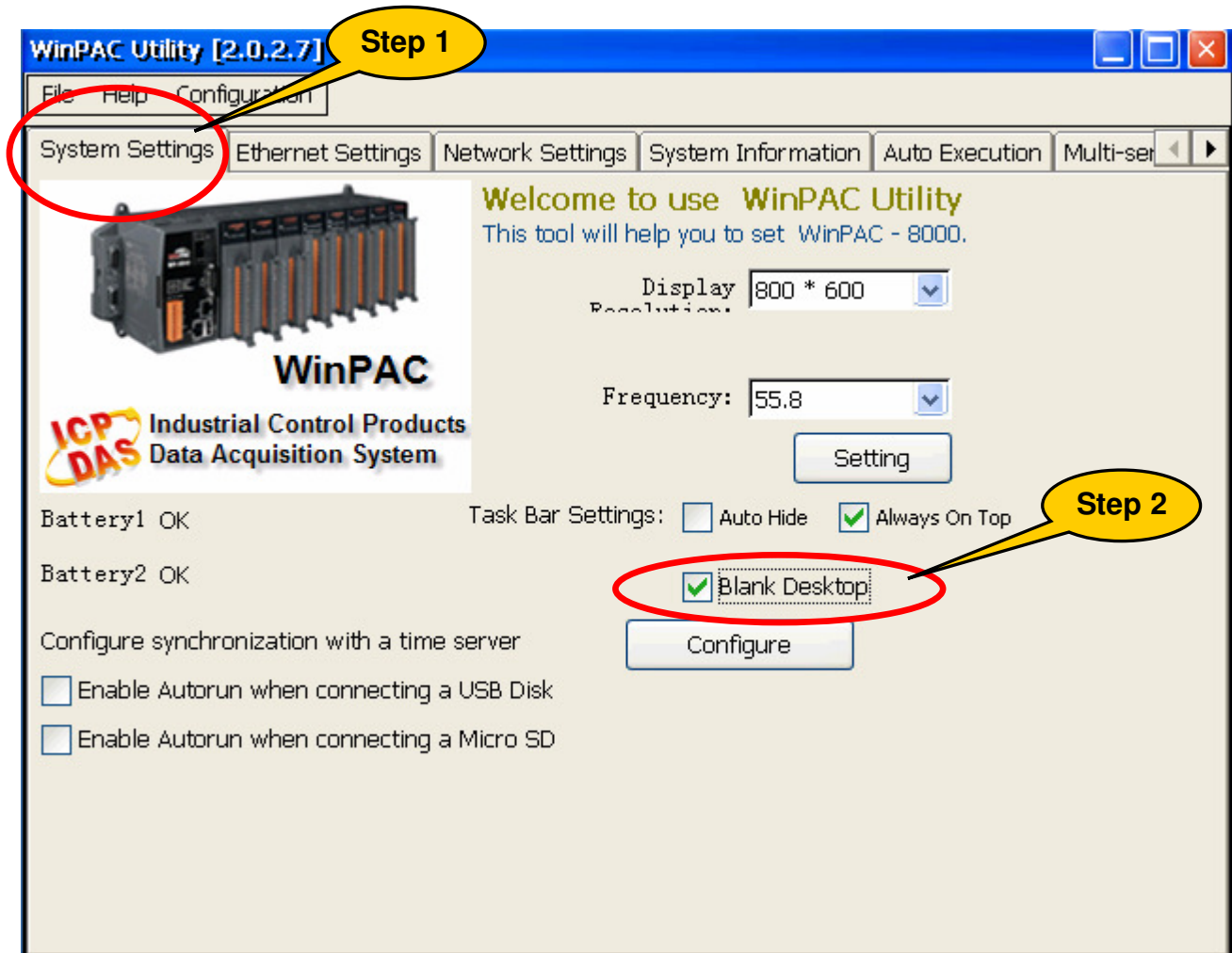
✓: The OS supports this language for both the UI and the IME.

How to hide the icons on the desktop

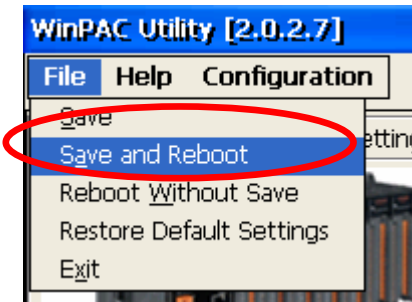
Note: The “Hiding Icons” setting is only available on WinPAC Utility V2.0.2.7 and later.

Step 1: Execute the WinPAC Utility and select the “System Settings” tab.

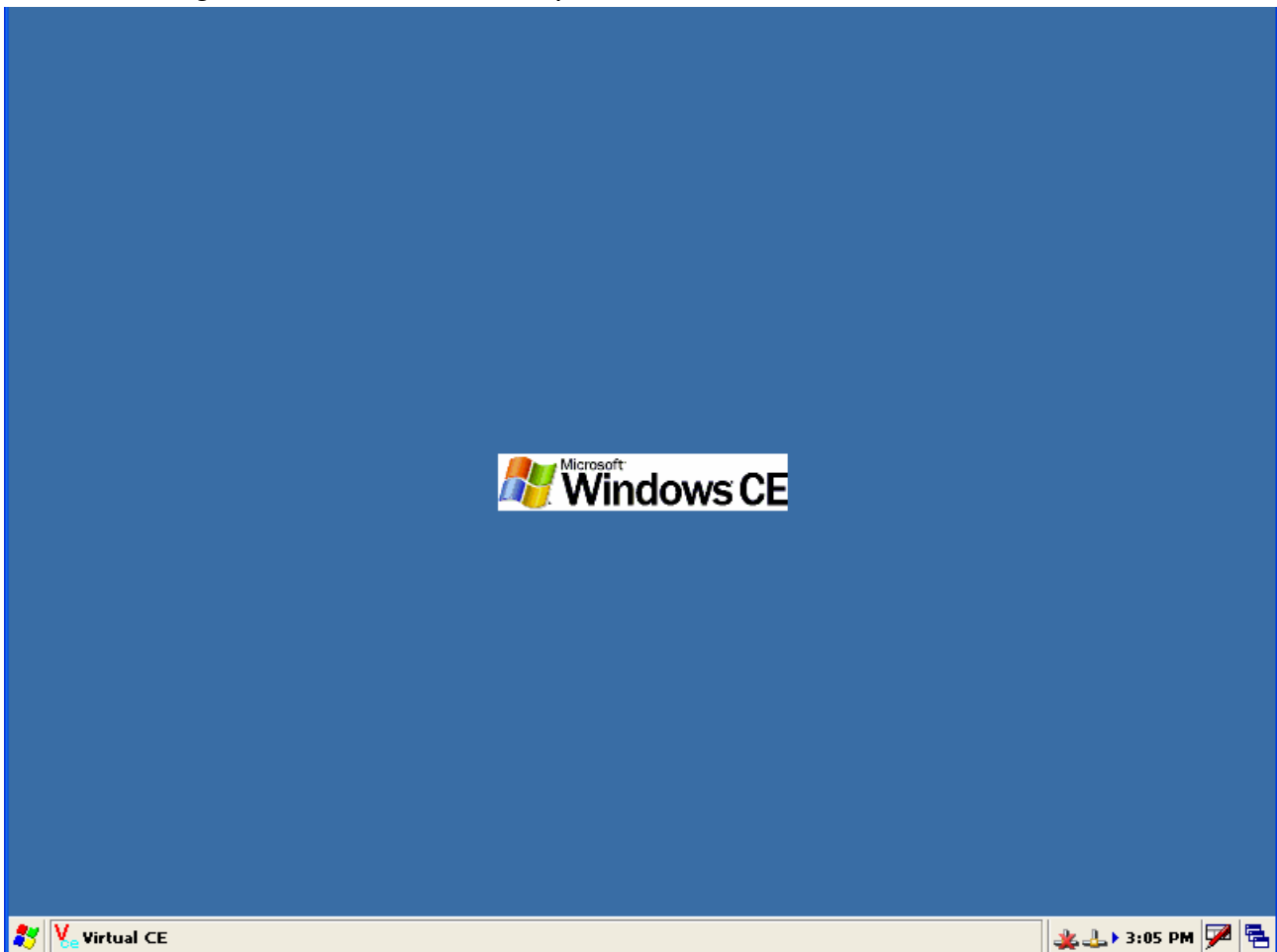
Step 2: Put a Check in the “Blank Desktop” check box.



Step 3: Click the “Save and Reboot” option from the “File” menu to save the settings and reboot the module.

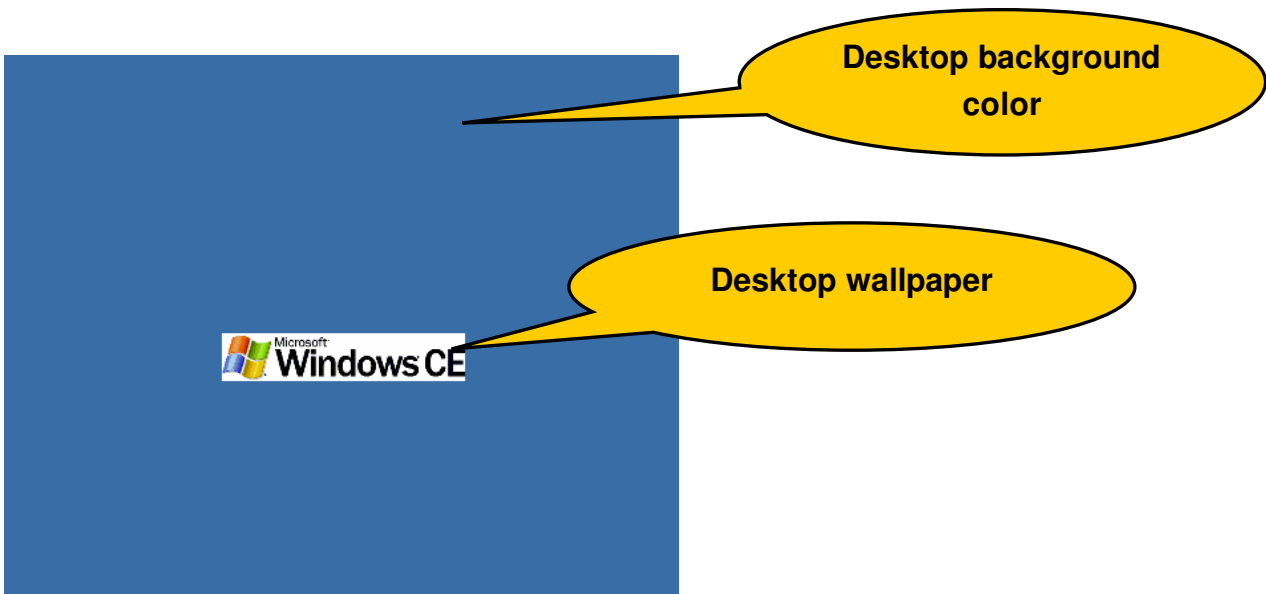


After rebooting, the icons on the desktop will be hidden.

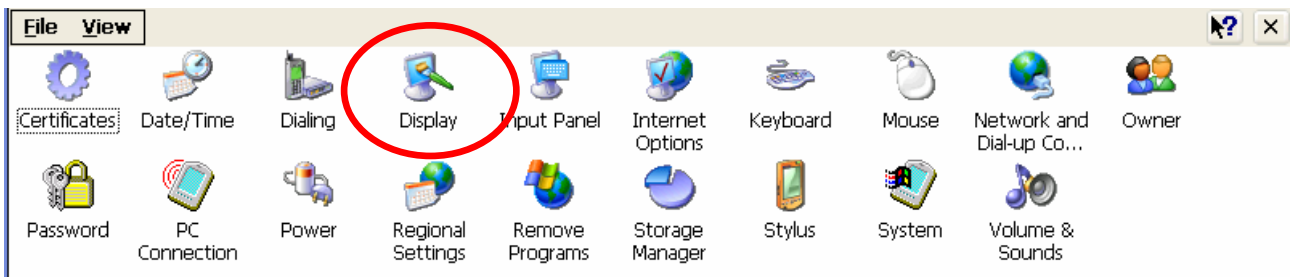


How to change the desktop wallpaper

The following procedure will explain how to change the desktop wallpaper.

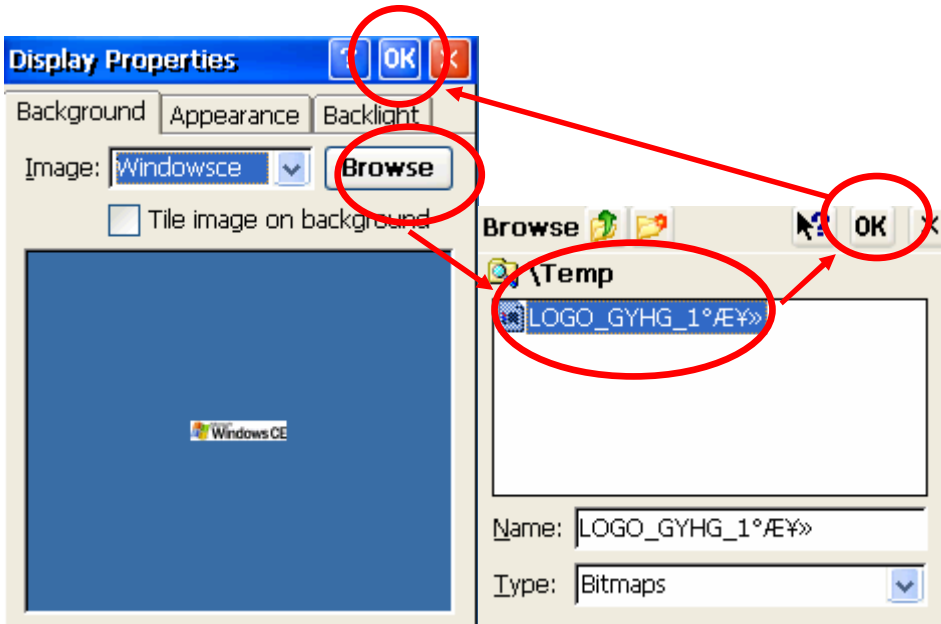


Step 1: Open your Control Panel and double-click the "Display" icon.

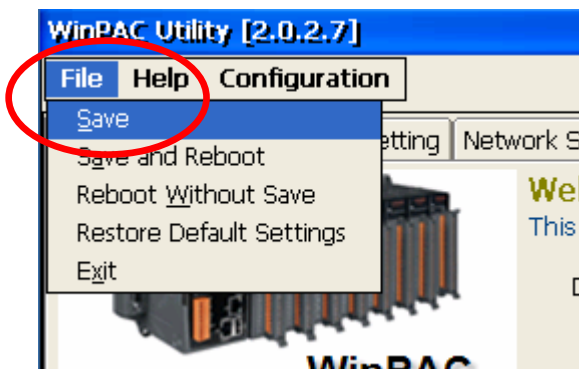


Step 2: In the dialog box, click the “Browse” button and select the image file you wish to use as wallpaper.

Note: Only *.bmp files can be used as wallpaper, and the file needs to be saved on the System_disk or in the Micro_SD folder.



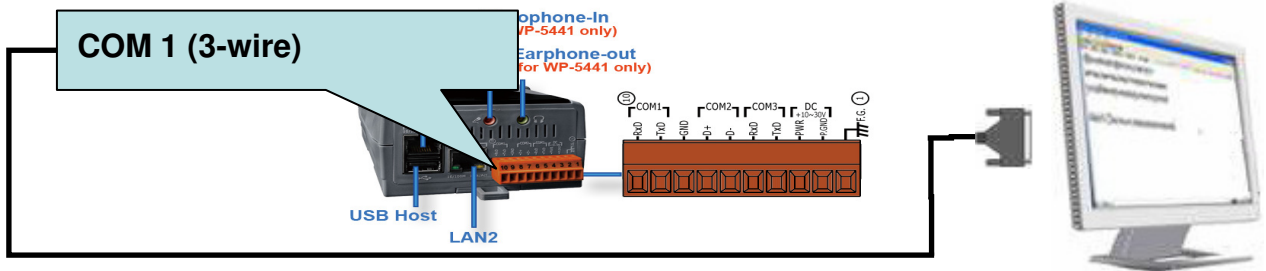
Step 3: Execute the WinPAC Utility and click the “Save” option from the “File” menu to save the settings.



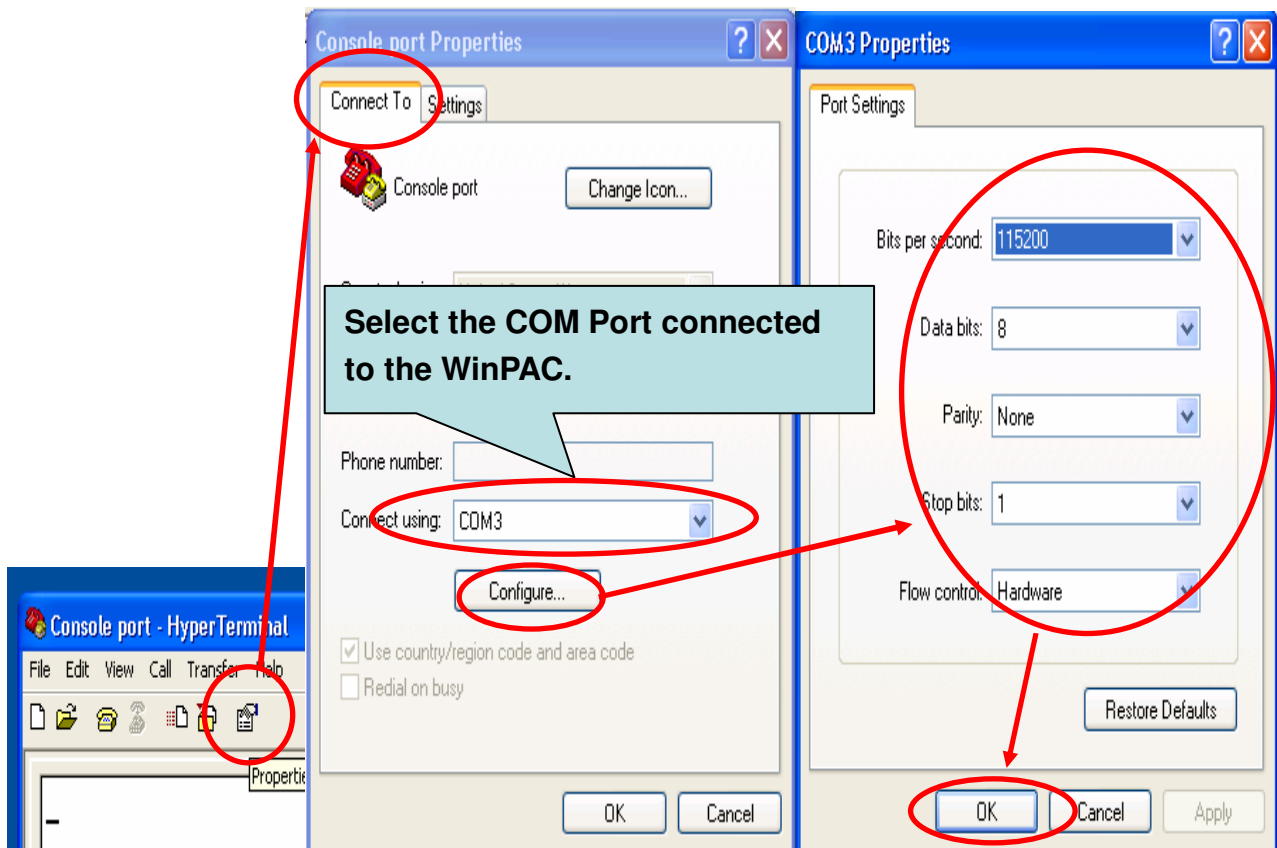
How to use the Console port

If the WP-5000 does not connect to a monitor, console port can be used to configure the WinPAC or execute a program.

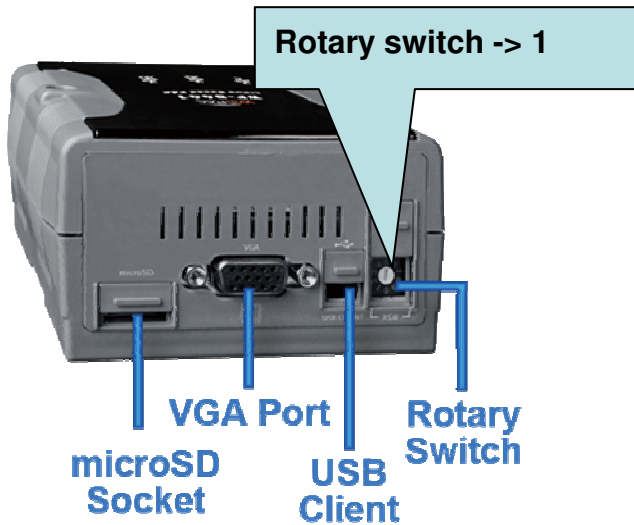
Step 1: Connect the COM1 on WinPAC to the PC via an RS232 cable.



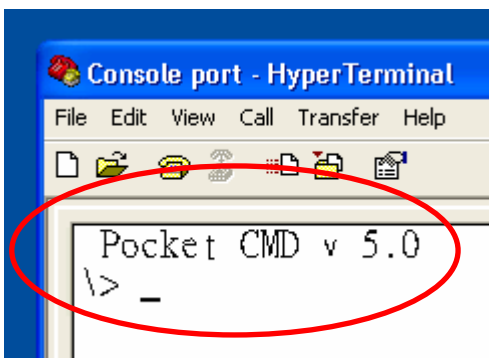
Step 2: On the PC side, execute HyperTerminal and configure the settings as bellow:
(Start -> All Programs -> Accessories -> Communications -> HyperTerminal)



Step 3: On the WP-5000, turn the rotary switch to the 1 position and power on the XP-5000 to boot it at the safe mode.



Then the following message will be displayed in the HyperTerminal window on PC, it means that the connection is established, and you may control the WinPAC in console mode.



Note: The instructions used for controlling the device in the console mode is the same as instructions used in the CMD.exe.

Differences between Windows CE 5 Core and Professional

WP-5000 uses the Windows CE 5 Core OS, the differences between Professional OS and Core are shown in the table below.

Components	Core	Professional
Standard SDK for windows CE	NO	YES
Help	NO	YES
WordPad	NO	YES
Internet Explorer 6.0 Sample Browser	NO	YES
Internet Explorer Browser Control Host	NO	YES
Internet Explorer HTML/DHTML API	NO	YES
Sample Internet Explorer 6.0 Internet Options Control Panel	NO	YES
AYGShell API Set	NO	YES

For more information, please refer to:

<http://www.microsoft.com/downloads/details.aspx?familyid=9387a73d-d046-4f36-a862-613743e75197&displaylang=en>