



Technical Note

Installing Drivers for SST's ISA & PC104 Cards in Windows XP

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This document applies to the ISA and PC104 families of interface cards.

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Installing Drivers for SST's ISA & PC104 Cards in Windows XP

Topic overview

For plug and play devices, Windows XP is able to detect and automatically configure the device driver. ISA and PC104 interface cards are not plug and play devices; therefore, you must manually configure the interface card.

About this Technical Note

This note explains how to:

- Install an ISA or PC104 card in Windows XP
- Troubleshoot the installation and contact Technical Support

This Technical Note assumes that:

- You are familiar with the SST ISA or PC104 Interface and related software
- You are familiar with Windows XP operating systems and diagnostics tools
- The SST Software and Windows XP driver are successfully installed



Hardware used

☒ Interface card	5136-DNP-ISA, 5136-DNP-PC104, SST-DN3-104, 5136-PFB-ISA, 5136-PFB-104, 5136-PBMS-ISA, 5136-SD-ISA, 5136-SD-104, 5136-CN-ISA, 5136-CN-104, 5136-MOD-ISA, 5136- RE2-ISA
☒ Physical I/O	N/A

Software used

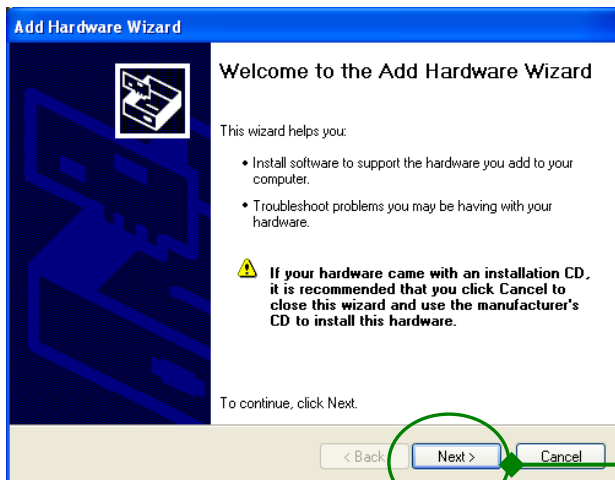
☒ Operating system	Windows XP
☒ Any other software required (network configuration software)	Windows 32-bit Software shipped with you ISA or PC104 Interface

Recommended reading

- Your ISA or PC104 Hardware Reference Guide



Procedure:

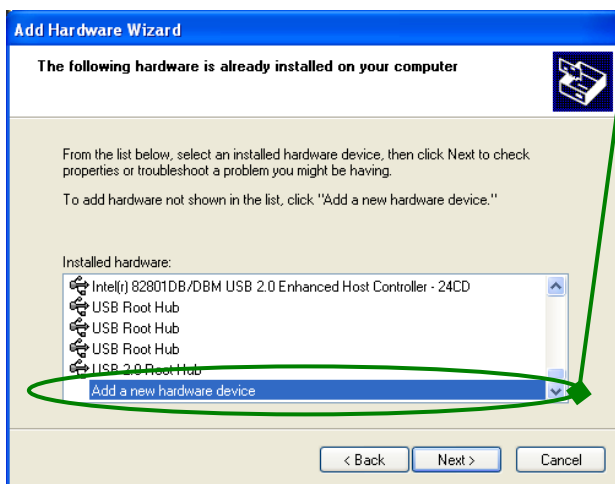
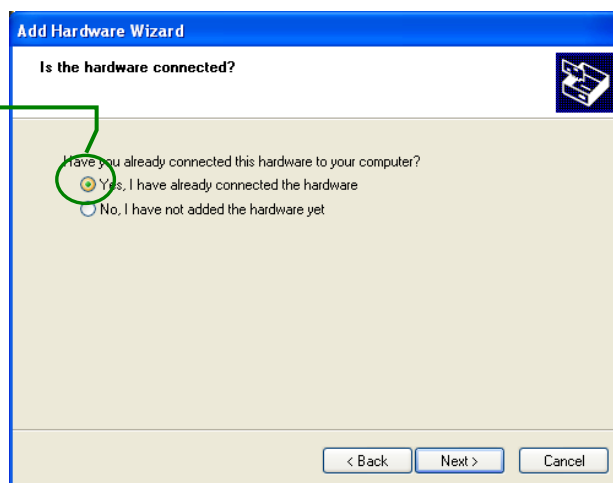


Go to *Start > Settings > Control Panel* and select the **Add Hardware Wizard** applet.

Press Next.

Select "Yes, I have already connected the hardware" and press Next.

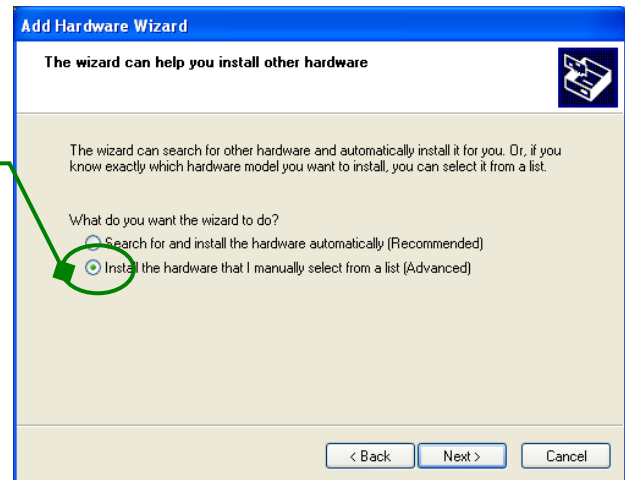
Note: The card does not have to be installed in your PC.



Select "Add a new hardware device" and press Next.



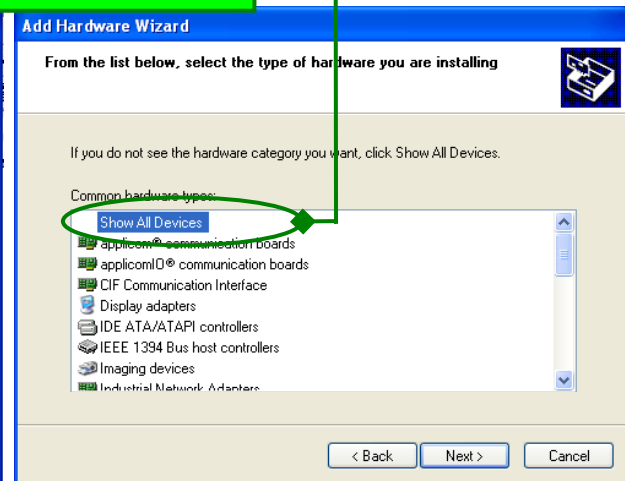
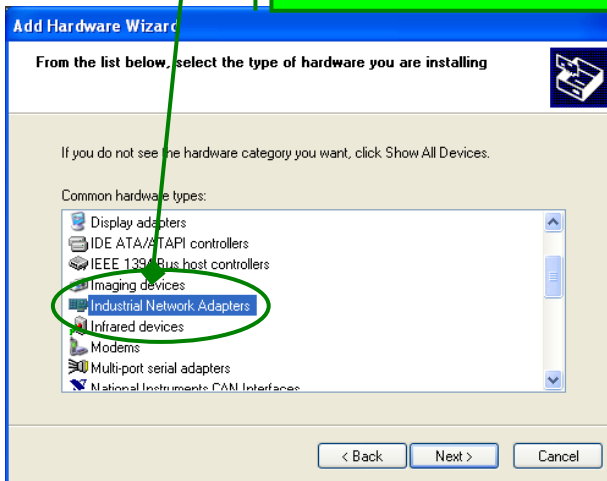
Select "Install the hardware that I manually select from a list" and press Next.

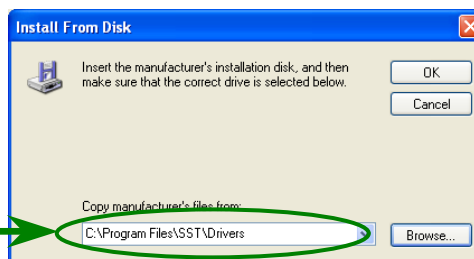
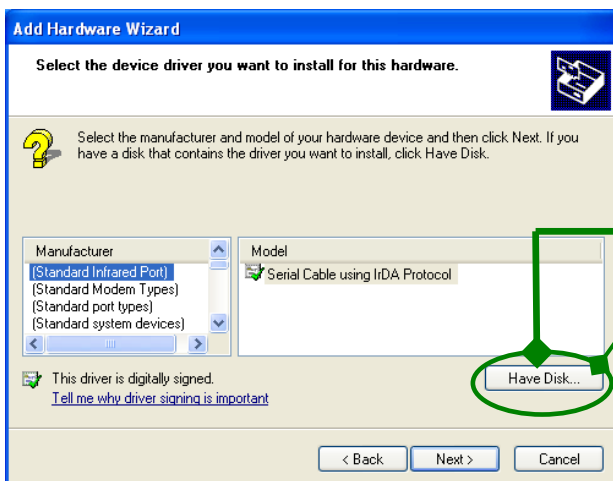


If you have an option for "Industrial Network Adapters", select it and press Next. Skip the next step.

OR

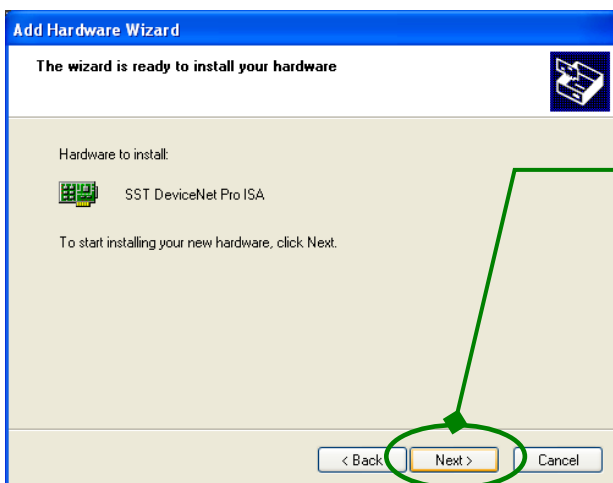
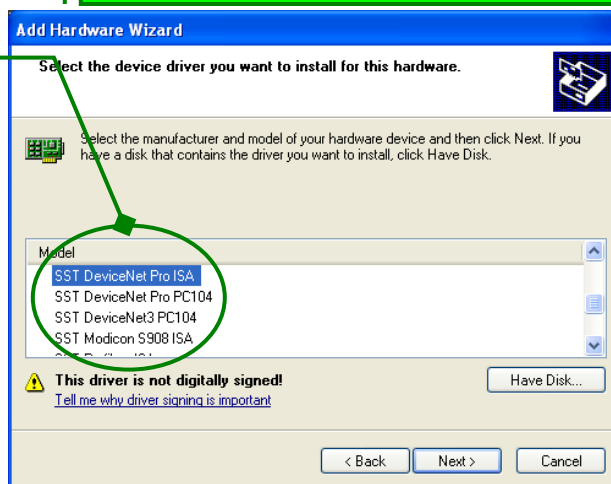
Select "Show All Devices" and press Next.





Select "Have Disk..."
Browse to "**Program Files\SST\Drivers**" and press OK.
Press Next.

From the list, select your ISA or PC104 hardware and press Next.



To continue installing your card, press Next.

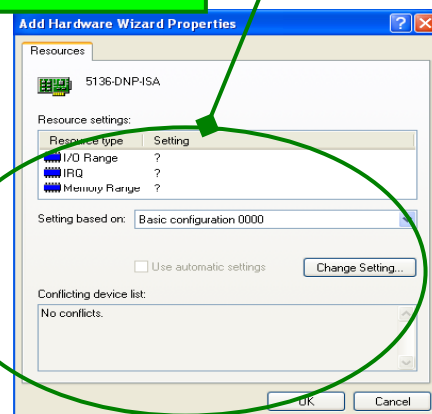
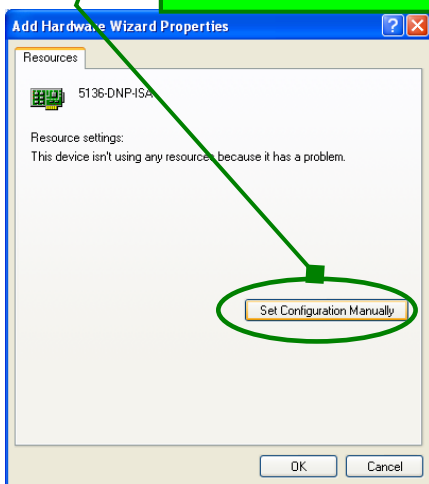


Press the "Select Configuration Manually" button.

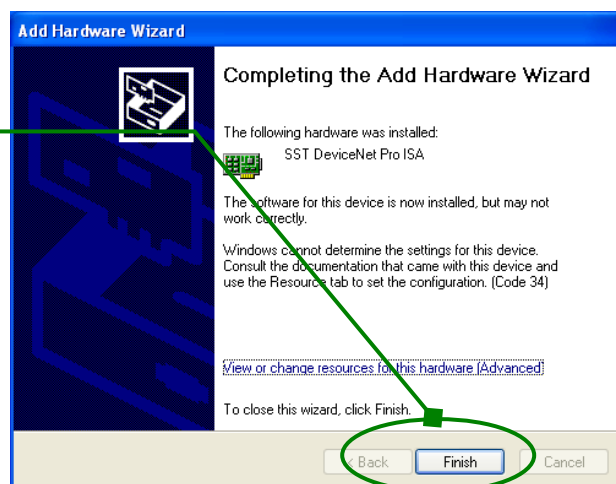
Configure the resource settings for your card. Refer to your interface card reference manual for memory resource settings.

To avoid conflicts with other devices, ensure that the "Conflicting Device list" reports no conflicts.

Note: If you do not wish to configure an interrupt, change "Settings based on:" to "Basic Configuration 0001".



Press Finish and restart your PC.





Troubleshooting

If you cannot access your card, please verify the following:

1. Check that you have configured the card's switches for the correct IO port address (for details, see the documentation for the card).
2. In the Windows Device Manager, browse to **Industrial Network Adapters** and verify that the resources for your interface card do not conflict with another device in your machine. For help with Windows Device Manager, please consult your Microsoft documentation.

Technical support

Technical support is available during regular business hours by telephone, fax or email from any Woodhead Software & Electronics office, or from www.mySST.com. Documentation and software updates are also available on the Web site.

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