



I/O CARD QUICK START GUIDE

for **PISO-P64**

<i>Language</i>	English
<i>Version</i>	V1.1
<i>Update</i>	Feb.2009

1 What's on your package?

- One PISO-P64 series card
- One companion PCI CD (V3.5 or later)
- One Quick Start Guide(This document)

2 Installing Windows Driver

Follow those steps:

1. Setup the Windows driver.




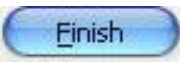
You can get the driver from:

CD:\NAPDOS\PC\PISO-DIO\DLL_OCX\Driver\

http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/piso-dio/dll_ocx/driver/



Windows driver only support windows 98/NT/2000 and XP/2003/vista 32-bit versions.

2. Click  button to start installation.
3. Click  button to install driver into the default folder.
4. Click  button to continue installation.
5. Select “**NO, I will restart my computer later**” and then click  button.

3

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Installing Hardware on PC

Follow those steps:

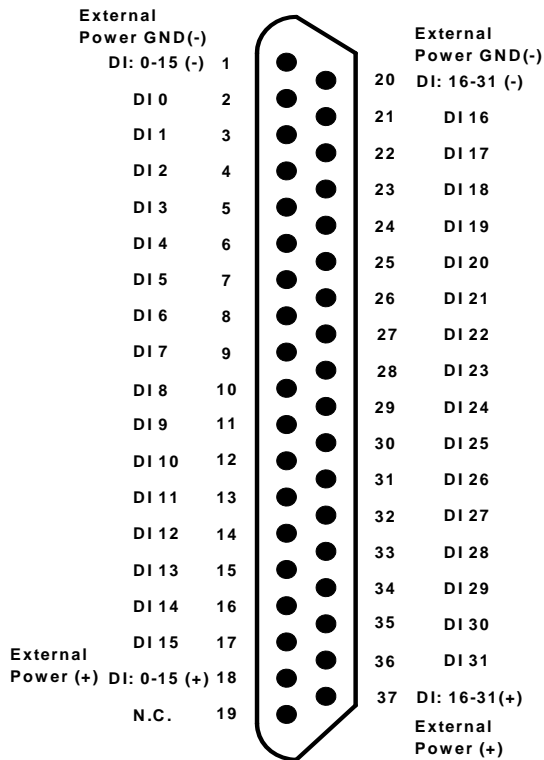
1. Shut down and power off your computer
2. Remove all covers from the computer
3. Select an empty PCI slot
4. Carefully insert your I/O card into the PCI slot
5. Replace the PC covers
6. Power on the computer

After powering-on the computer, the Plug&Play card could work immediately.

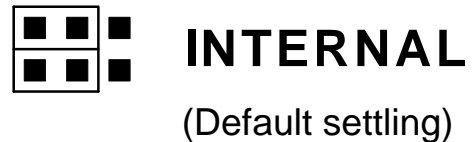
4

Pin Assignments & Jumper Setting

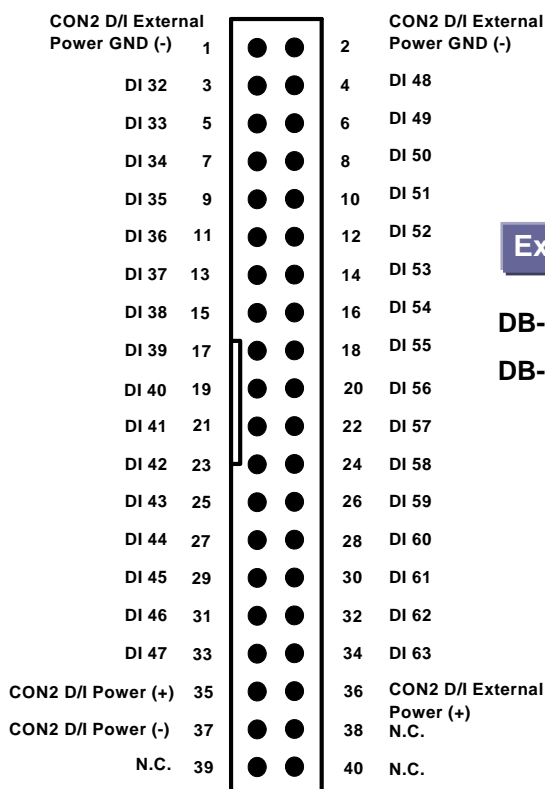
CON1 Pin assignment



J1/J2/J3/J4 Jumper Setting



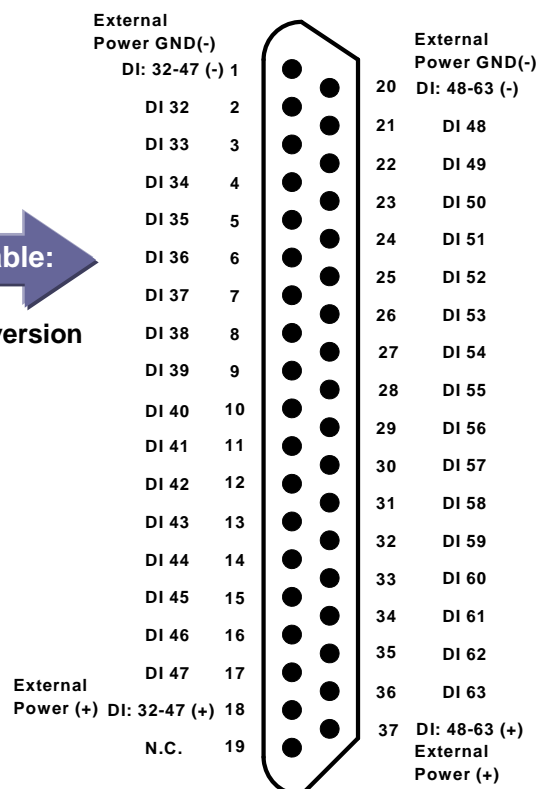
CON2 Pin assignment



Extension cable:

DB-40-Pin conversion
DB-37-Pin

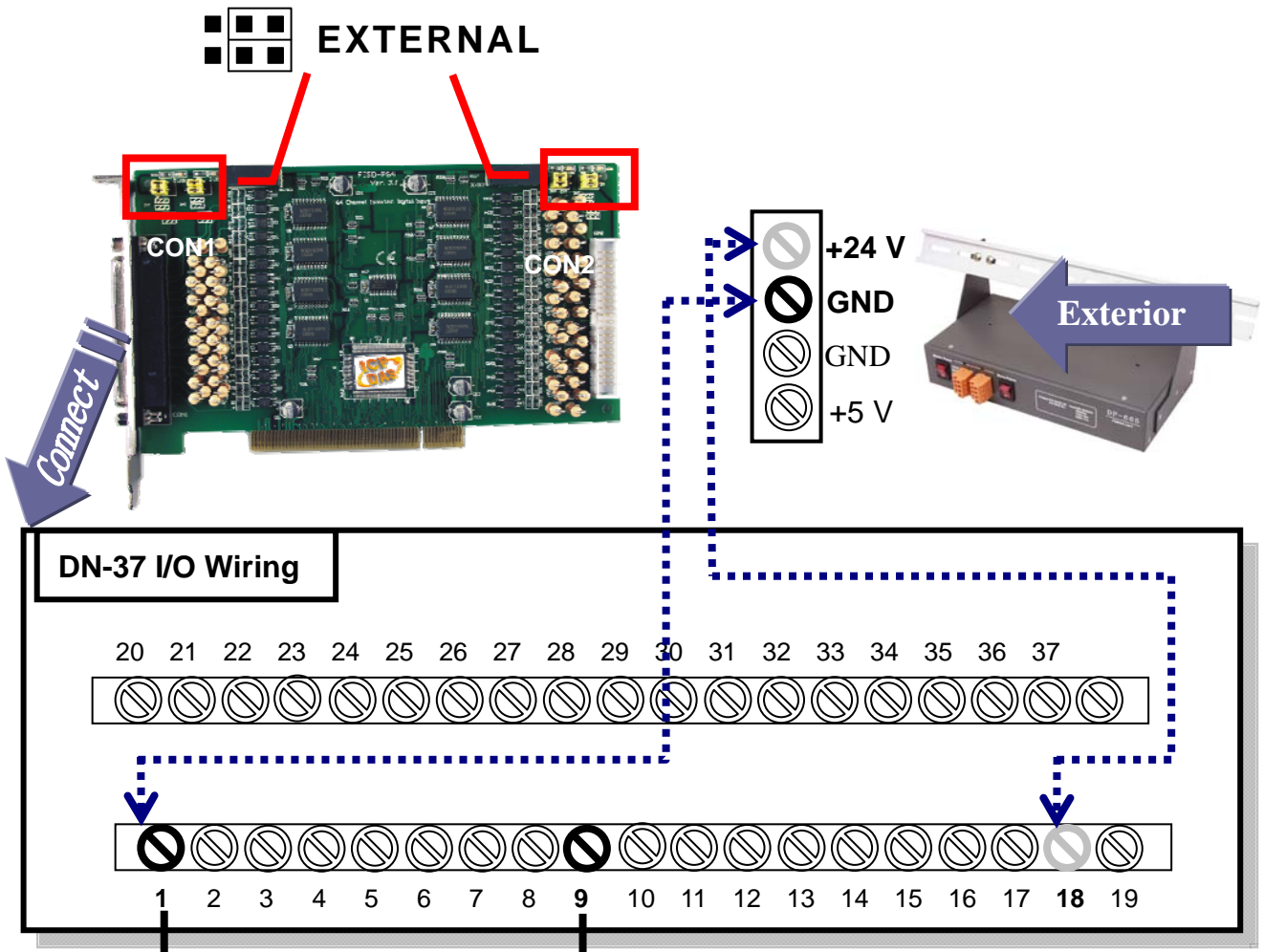
CON2 Pin assignment



5

Self-Test

1. Prepare for device:
 - DN-37(Optional) wiring terminal board.
 - Exterior power supply device. For example: DP-665(Optional)
2. Setting JP1, JP2, JP3, JP4 to External Power.
3. Use DN-37 to connect the board CON1.
4. External +24 V connect to External power(+) and external GND connect to External power GND(-).
- (External +24 V connect to Pin18 and External GND connect to Pin1)
5. Connect the GND(-) with DI7.(Pin1 connect to Pin9)



6. Run the PISO-P64 sample program.

Get the file from:

CD:\NAPDOS\PCI\PISO-DIO\DLL_OCX\Demo\

http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/piso-dio/dll_ocx/demo/

7. Check number of the PISO-P64 and test DI function.

1. The one PISO-P64 had successfully installed to PC.

2. Select the board number for the PISO-P64. It starts from 0.

3. Click this button to do DI test.

8. Get DI function test result.

4. There is wring channel show to High state (7F) and no wring channel show to Low state (FF).

Complete

6

Additional Information

✓ **PISO-P64 Series Card Product page:**

http://www.icpdas.com/products/DAQ/pc_based/piso_p64.htm

✓ **DP-665(Optional) page:**

http://www.icpdas.com/products/Accessories/power_supply/dp-665.htm

✓ **DN-37(Optional) page:**

http://www.icpdas.com/products/DAQ/screw_terminal/dn_37.htm

✓ **Documents:**

CD:\NAPDOS\PCI\PISO-DIO\Manual

<http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/piso-dio/manual/>

✓ **Software:**

CD:\NAPDOS\PCI\PISO-DIO

<http://ftp.icpdas.com/pub/cd/iocard/pci/napdos/pci/piso-dio/>

The ICP DAS Web Site

<http://www.icpdas.com>



- Technical support
- Supplies and ordering information
- Ways to enhance your device
- FAQ
- Application story

Contact Us

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