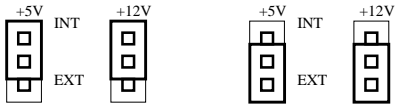


1 Package

- One DB-16R Daughter board
- One CA-2010 Cable
- One User's Guide(this document)

2 Jumper Setting

DB-16R PC's internal power or external power input by jumper selection.

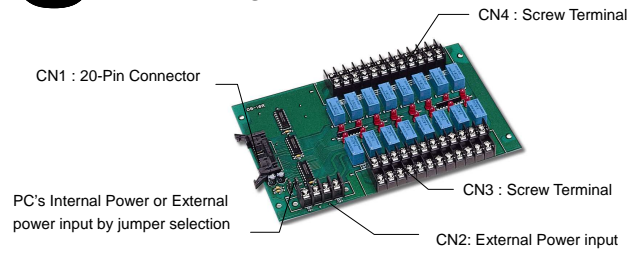


Select Internal Power
*Default Setting

Select External Power

Note: INT: Internal Power Source
EXT: External Power Source

3 Pin Assignments



- **CN1 : 20-Pin Connector**
(20-pin header linked to TTL digital I/O board via 20-pin flat cable)

DO0	1	2	DO1
DO2	3	4	DO3
DO4	5	6	DO5
DO6	7	8	DO7
DO8	9	10	DO9
DO10	11	12	DO11
DO12	13	14	DO13
DO14	15	16	DO15
D.GND	17	18	D.GND
+5V	19	20	+12V

- **CN2: External Power Input Connector**
(External power input connector for external power input wiring.)

+5V	GND	GND	+12V
-----	-----	-----	------



Don't wiring to external power input connector if the power selection jumper setting in < INT > position.

- **CN3 Relay contact terminal block**
(Relay contact screw terminal blocks)

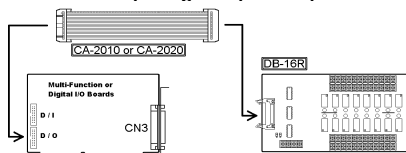
8	NO	NC	CM	10	NO	NC	CM	12	NO	NC	CM	14	NO	NC	CM
9	NO	NC	CM	11	NO	NC	CM	13	NO	NC	CM	15	NO	NC	CM

- **CN4 Relay contact terminal block**
(Relay contact screw terminal blocks)

1	NO	NC	CM	3	NO	NC	CM	5	NO	NC	CM	7	NO	NC	CM
0	NO	NC	CM	2	NO	NC	CM	4	NO	NC	CM	6	NO	NC	CM

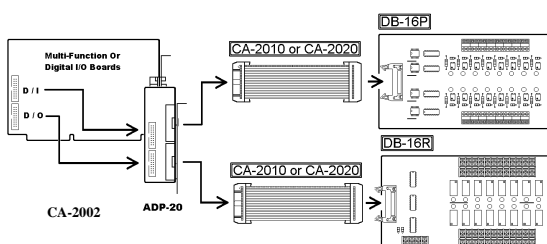
4 Connect to Digital I/O Board

- **DB-16R connect to 20-pin digital input / output connector**



DB-16R linked to digital output port of multi-function board

- **The DB-16P / DB-16R linked to Multi-Function board via ADP-20 extender**



5 Additional Information

- ✓ **DB-16R Product Page:**
http://www.icpdas.com/products/DAQ/screw_terminal/db_16r.htm
- ✓ **Document:**
CD:\NAPDOS\Daughter_Board
http://www.icpdas.com/download/Daughter_Board/dbdio.pdf

ICPDAS Web Page

<http://www.icpdas.com>



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

Contact Us

Service@icpdas.com

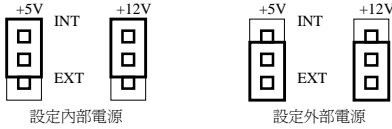
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1 檢查配件

- 一張 DB-16R 端子板
- 一條 CA-2010 排線
- 一張使用者指南(本文件)

2 跳線器設定

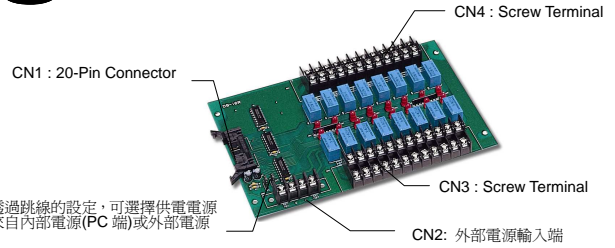
透過跳線的設定，可選擇供電電源來自內部電源(PC 端)或外部電源



*預設值

Note: INT: 內部供電
EXT: 外部供電

3 腳位定義



透過跳線的設定，可選擇供電電源來自內部電源(PC 端)或外部電源

- **CN1 : 20-Pin connector**
(20-pin header linked to TTL digital I/O board via 20-pin flat cable)

DO0	1	2	DO1
DO2	3	4	DO3
DO4	5	6	DO5
DO6	7	8	DO7
DO8	9	10	DO9
DO10	11	12	DO11
DO12	13	14	DO13
DO14	15	16	DO15
D.GND	17	18	D.GND
+5V	19	20	+12V

- **CN2: 外部電源輸入端**
(External power input connector for external power input wiring.)

+5V	GND	GND	+12V
-----	-----	-----	------



當跳線器設定為<INT>時，請勿在此輸入端接上外部電源。

- **CN3 Relay contact terminal block**
(Relay contact screw terminal blocks)

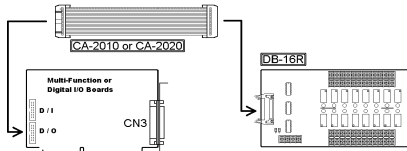
8	NO	NC	CM	10	NO	NC	CM	12	NO	NC	CM	14	NO	NC	CM
9	NO	NC	CM	11	NO	NC	CM	13	NO	NC	CM	15	NO	NC	CM

- **CN4 Relay contact terminal block**
(Relay contact screw terminal blocks)

1	NO	NC	CM	3	NO	NC	CM	5	NO	NC	CM	7	NO	NC	CM
0	NO	NC	CM	2	NO	NC	CM	4	NO	NC	CM	6	NO	NC	CM

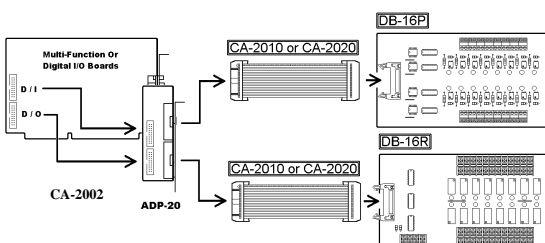
4 連接至 Digital I/O 版卡

- **DB-16R connect to 20-pin digital input / output connector**



DB-16R linked to digital output port of multi-function board

- **The DB-16P / DB-16R linked to Multi-Function board via ADP-20 extender**



5 參考資訊

- ✓ DB-16R 產品網頁:
http://www.icpdas.com/products/DAQ/screw_terminal/db_16r.htm
- ✓ 相關文件位置:
CD:\NAPDOS\Daughter_Board
http://www.icpdas.com/download/Daughter_Board/dbdio.pdf

泓格科技(ICP DAS)主網頁

<http://www.icpdas.com>

- 專業技術支援
- 代理商及訂購資訊
- 增強設備功能的相關資訊
- 常見問題
- 應用案例



聯絡方式

Service@icpdas.com