

**IF108**

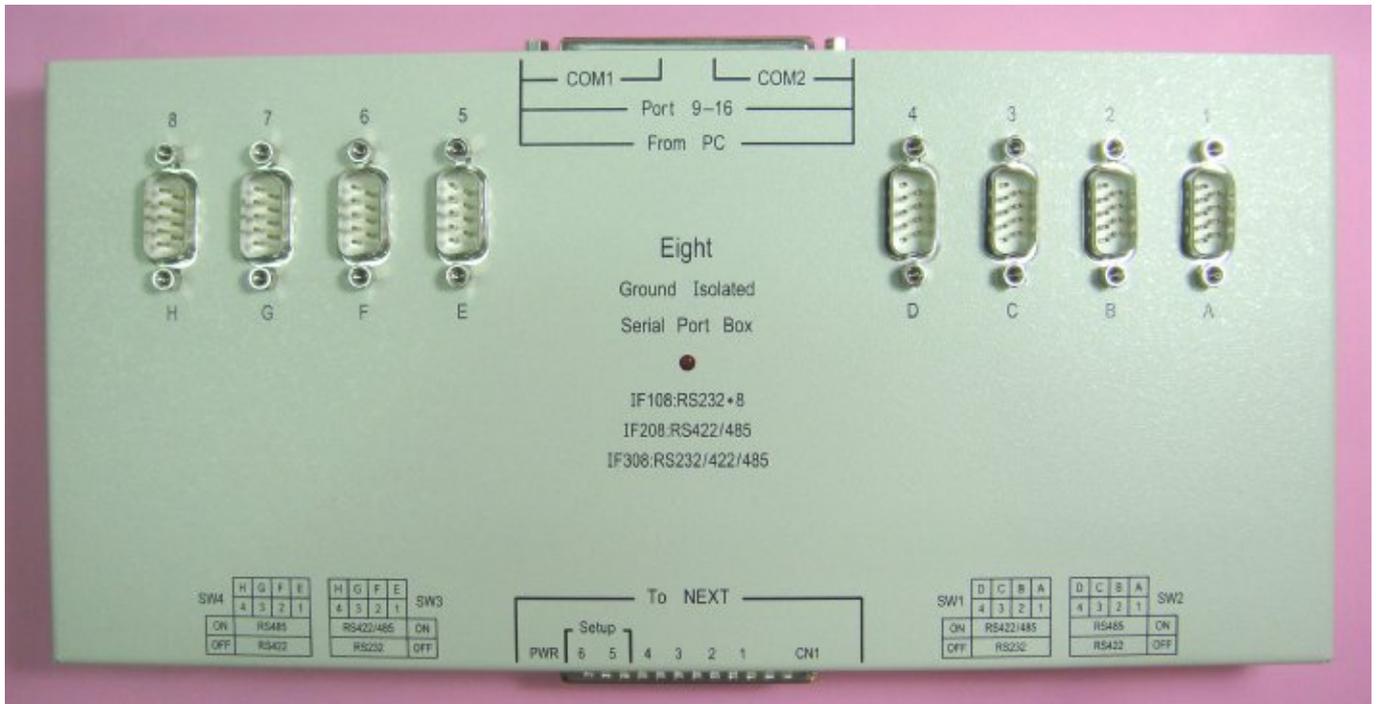
**RS232C Connector Box**

**IF208**

**RS422/RS485 Connector Box**

**IF308**

**RS232/RS422/RS485 Connector Box**



- ★ Built-in advanced FIFO type UART controller.
- ★ Each box can support **8 GROUND Isolated** serial port.
- ★ Support different interface connection requirement in one card.
- ★ Each serial port can set by **DIP switch** to be **RS232,RS422,RS485** interface.
- ★ Connect with **P640NU** and **IOP3927F** intelligent multiport card.
- ★ Each box can be daisy chain to support up to **32 serial port**.

**IF108 Box Specification :**

- \*Built-in controller: FIFO type 16C554 chip.
- \*Connector : DB9 male connector.
- \*Port number: 8 ports per box.
- \*Interface : GROUND Isolated RS232c compatible with fully hardware control line.

**IF208 Box Specification :**

- \*Built-in controller: FIFO type 16C554 chip.
- \*Connector : DB9 male connector.
- \*Port number: 8 port per box.
- \*Interface : GROUND Isolated RS422/RS485 set by DIP switch.  
Each serial port set by one bit to be RS422 or RS485.  
One DIP switch can set output enable timing.

**IF308 Box Specification:**

- \*Built-in controller: FIFO type 16C554 chip.
- \*Connector : DB9 male connector.
- \*Port number: 8 port per box.
- \*Interface : GROUND Isolated RS232,RS422,RS485 set by DIP switch.  
Each serial port set by two bit to be RS232,RS422 or RS485.  
One bit for RS232 or RS422/RS485 setting. The other bit for RS422 or RS485 setting.

**Dimension:**

IF108/IF208/IF308 box:  
268\*128\*38mm.

**Environment :**

- \*Operating temperature: 5--40 °C .
- \*Operating humidity: 10--90%RH.
- \*Storage temperature: 0--65 °C .
- \*Storage humidity: 5--90%RH.

**Application:**

- ▲ One P640NU card use A640 cable to connect with one IF208 box can support 8 GROUND Isolated RS422/RS485 serial ports in one PCI slot.
- ▲ One P640NU card use A640 cable to connect with two IF208 boxes can support 16 GROUND isolated RS422/RS485 serial ports in one PCI slot.
- ▲ One IOP3927F card use A640 cable to connect with three IF308 boxes can support 24 GROUND Isolated RS232/RS422/RS485 serial ports in one PCI slot.
- ▲ One IOP3927F card use A640 cable to connect with four IF308 boxes can support 32 GROUND Isolated RS232/RS422/RS485 serial ports in one PCI slot. It is flexible for big data access application. You can have RS232 for local connection. You can have RS422 for remote connection. You can have RS485 for multi-drop application.

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