IT-232I Series
RS-232 Isolation Protector

【Introduction】

IT-232I is a kind of RS232 system communication serial port optic isolation product. This product support transmission rate as high as 921,600bps, no external power needed, optic electric isolation 2.5KV, is applicable in tough environment. According to different customer need, separately corresponds to three line serial port application with RTS/CTS (or DTR/CTS). Transmission distance at 9,600bps is 10m, stable performance.

【Packing list 】

IT-232I is shipped with following items.
1. Model232I × 1
2. User manual ×1

【Features】

1. Plug-and-play
2. Port-powered, lowest consumption
3. Auto sense serial signal rate
4. Isolation serial device(RS-232)
5. 2500V isolation
6. 300~921600bps baud rates

【Specifications】

Performance parameter
Standard: EIA RS-232 standard
RS-232 signal: TXD, RXD, GND
Working: asynchronism, point to point
Transfer rate: 300-921600bps,
　　　　　　　auto sense serial signal rate
Isolate signal: TXD, RXD, GND
Transfer distance: 5m
RS-232 port protection: 600W surge,
　　　　　　　　　　15KV ESD protection
Isolation: AC2500V
Port type: DB9F, DB9M, or DB25F, DB25M, optional
Environment index
Working environment: 0℃ to 70℃
Relative humidity 5% to 95%
Appearance guideline
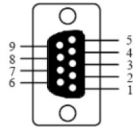L×W×H: 63mm×33mm×17.5mm (DB9)
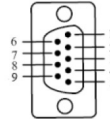　　　　 63mm×56mm×17.5mm (DB25)
Shell: Plastic
Color: Black
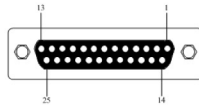Weight:30g (DB9), 70g(DB25)

【Pinout Configuration】

In the RS-232 end of **IT-232I** there are two types of interface, such as DB9 male (DTE) and DB9 female (DCE),in addition, you can select the DB25 form interface. When purchase, you can select RS-232 serial port type according to your demand.
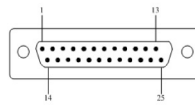

DB9F（Female/hole）　　　DB9M（Male/needle）

DB25F（Female/hole）　　　DB25M（Male/needle）

DB9:
DB9F(Female/hole)
　　2 TXD　　3 RXD　　5 GND
DB9M(Male/needle)
　　2 RXD　　3 TXD　　5 GND

DB25:
DB25F(Female/hole)
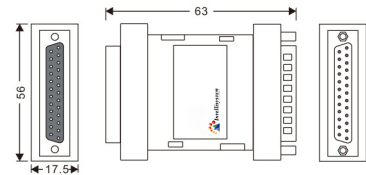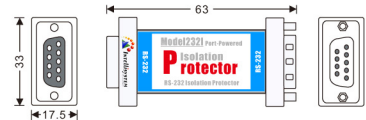　　2 RXD　　3 TXD　　7 GND
DB25M(Male/needle)
　　2 TXD　　3 RXD　　7 GND

【Applications】

Point to point communication, industrial gathering and disperse distribution system, all kinds of remote control and measurement system, POS, banking, insurance, stocking, canteen meal selling system, transport billing system, all kinds of PLC, digital power meter, gas meter.

Unit: mm