

IT-232D

RS-232 Repeater

Features

1. Extend RS-232 signal 2Km
2. Plug-and-play
3. Port-powered, lowest consumption
4. Auto sense serial signal rate
5. Isolation serial device (RS-232)
6. 2500V isolation



Introduction

IT-232D is a kind of RS-232 system communication extending product. This type of product auto sense serial rate transmission rate, no external power needed, optic electric isolation 2500V, be applicable in tough environment. Transmission distance at 9,600bps

is 2,000m, stable performance. IT-232D has 2500 volts of isolation twice the rating of most isolators to protect RS-232 equipment from lightning strikes, accidental high voltage shorts and ground loops.

Specification

Performance parameter

Standard: EIA RS-232 standard

RS-232 signal: TXD, RXD, GND

Working: Asynchronous, point to point

Transfer rate: 300-115200bps, auto sense serial signal rate

Isolate signal: TXD, RXD, GND

Transfer distance: 2Km (9600bps)

Isolation: 2500V

Port type: DB9F, DB9M (wire)

Power

Input powered: No power supply needed, powered from TXD, RTS,

DTR signal in RS-232 port

Consumption: Static consumption less than 10mA, dynamic

consumption less than 40mA

Environment

Working environment: -10°C to 60°C

Storage temperature: -40°C to 85°C

Relative humidity 5% to 95%

Appearance

L×W×H: 90mm×33mm×16.5mm (DB9)

Shell: Plastic

Color: White

Weight: 30g (DB9)

Warranty: 5 years

Approvals: FCC, CE, RoHS approvals

Packing List

1. RS-232 Repeater IT-232I ×1

2. User manual ×1

