

CTSC-004

RS-232 Photoelectric Isolator

Features:

- Operating Temperature: -40°C to 85°C
- Isolation Voltage: 2,500 Vrms, 500 VDC (Continuous)
- Baud Rate: 300 - 19,200 bps



Introduction:

The CTSC-004 is a high-performance RS-232 serial port photoelectric isolator. Utilizing advanced optical isolation technology, it provides maximum protection for RS-232 interface devices against harsh environmental damage, including ground loops, surges, lightning strikes, electrostatic discharge (ESD), hot-plugging, and electromagnetic interference (EMI).

The CTSC-004 is widely deployed in point-to-point RS-232 communication systems across various sectors, including power utilities, telecommunications, rail, finance, and banking. It is also an ideal solution for UNIX multi-user systems, surveillance monitoring, satellite receivers, and ATM network environments.

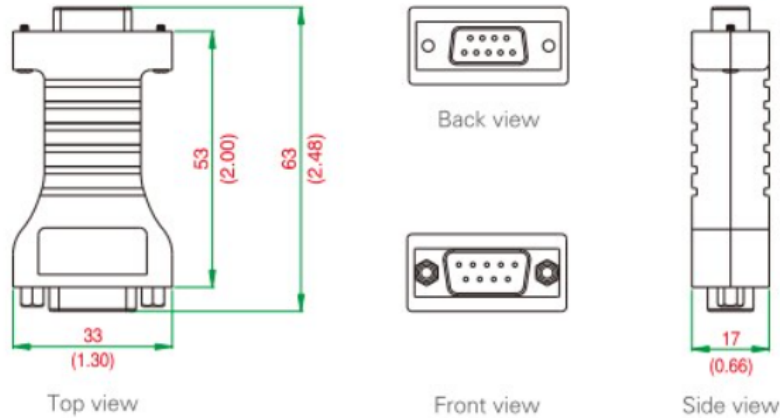
Specification:

Hardware	
Standard	EIA RS-232 & CCITT V.24 Asynchronous Protocol
Interface Connector	DB9 Connector for RS-232 Port
Transmission Mode	Asynchronous Full-duplex, Full Transparent
Isolation Voltage	2,500 Vrms, 500 VDC (Continuous)
Baud Rate	300 - 19,200 bps
Power	RS-232 Port-Powered (TXD/RTS/DTR)
Dimension	63 x 33 x 17 mm
Weight	30g
Operating Temperature	-40°C to 85°C
Relative Humidity	5% to 95%

Dimension Drawing:

Unit: mm ± 0.5

Unit: $\frac{\text{mm} \pm 0.5}{(\text{inch}) \pm 0.02}$



Ordering Information:

CTSC-004

RS-232 Optical Isolator, Baud Rate: 300 - 19,200 bps, Power: RS-232 Port-Powered (TXD/RTS/DTR), Isolation Voltage: 2,500 Vrms, 500 VDC (Continuous), Operating Temperature: -40°C to 85°C.

Other Models Are Available Upon Request.