

# *CS-428/9AT-PRO2*

RS232 to RS422/485 Converter



CS-428/9AT-PRO2 converts RS232 signals to RS422 or 485. It is an efficient solution for applying advantages of RS422/485 to legacy RS232 devices. The converter operates with no extra software installation, and with simple DIP switch toggling, RS422 or RS485 can be selected. Also, the product is fully compatible with serial COM port in PC.

## Overview

### Beyond the Limits of RS232

You can overcome the short communication distance by converting RS232 signal to RS422 or RS485, extending up to 1.2Km. Multi-drop function enables 1:10 communication in RS422 and bus scheme enables 10:10 communication in RS485.

### Automatic Toggling

Under 1:N communication environment, it is undesirable that multiple devices send data at once, causing electrical collision that leads to an error. In order to prevent this, only one device needs to send data at a time, which means data I/O toggling is necessary at certain points. CS-428 performs automatic toggling by hardware, saving extra programming work.

### No Power Required

No extra power supply is required, making the operation simple and easy. When using external power, 7~12V DC adapter is required.

## CS-428/9AT-PRO2 Specification Sheet

Serial	Standards	RS232(DB9 Female), RS422/485(Terminal Block)
	Maximum Speed	921.6kbps
	Signal Lines	RS232: TXD, RXD, DTR, RTS RS422: TXD+, TXD-, RXD+, RXD- RS485: TRXD+, TRXD-
	RS422 Mode	Point to Point, Multi-Drop
	RS485 Mode	Echo, Non-Echo
	Parity bit	None, Even, Odd
	Dip Switch	RS422/485 Selectable
	Protection	15kV Surge Protection
Hardware & Environment	LED	TXD, RXD, PWR
	Size	36.8(W) x 74.2(L) x 19(H) mm
	Weight	33g
	Operating Temperature	-40 ~ 85℃
	Storage Temperature	-40 ~ 85℃
	Humidity	5~95% Non-condensing
	Certification	KC, CE
Ordering information		CS-428/9AT-PRO2

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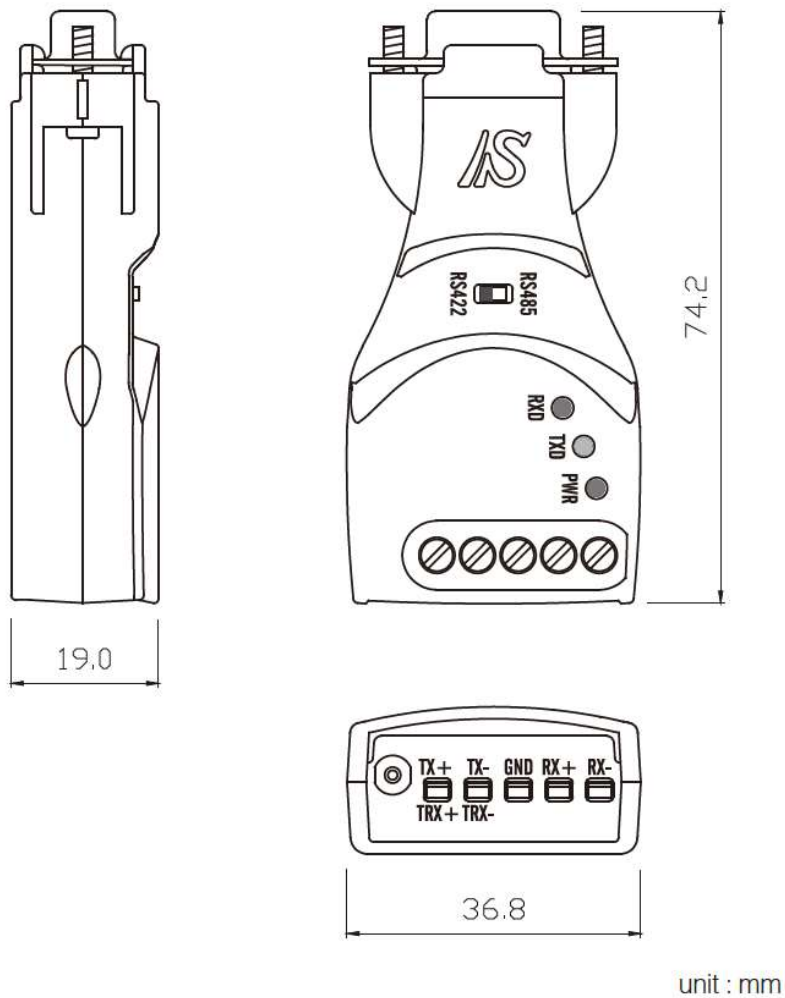
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Specifications subject to change without notice



## CS-428/9AT-PRO2 Specification Sheet

Dimension \_\_\_\_\_



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