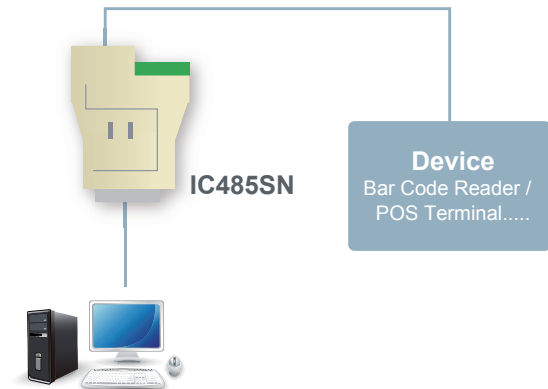


# RS-232/RS-485 Interface Converter

## IC485SN

- IC485SN is a 2-way converter for converting RS-232 signals to and from RS-422/RS-485 signals in long-distance applications up to 1200 m (4000 ft.) – without the need of an external power supply.



## Features

- Data transmission controlled by the RTS signal.
- DCE/DTE selectable.
- Point to point, multidrop, and simplex/duplex link selection.
- Four wire full duplex; four wire half duplex.
- Compact size.
- Cable distance of up to 1200m (4000 ft.).
- Non powered operation.
- Supports baud rates up to 115.2kbps.
- OS Support: Windows 2000, Windows XP

## Specifications

Function		IC485SN
Connectors		1 DB-25 Female (RS-232)
		RS-485 / RS-422 Four Terminal Block
		1x RJ-11 Female
Switches	SW1	DCE, DTE
	SW2	TxON, RxON
		TxRTS, RxON
		TxDTR/RTS, RxDSR/ON
Power Consumption		DC9V, 0.9W (max.)
Signal Range		1200 m [4000'] (max.)
Data Rate		Up to 100 Kbps under 1200 m [4000']
Environment	Operating Temperature	0° to 50° C
	Storage Temperature	-20° to 60° C
	Humidity	0 - 80% RH, Non-condensing
Physical Properties	Housing	Plastic
	Weight	0.06 kg
	Dimension (L x W x H)	5.40 x 7.45 x 1.85 cm

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