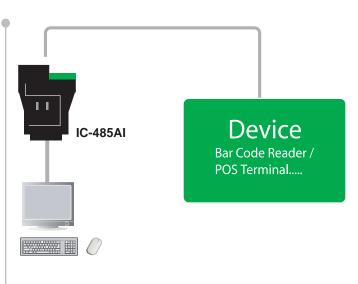# IC485AI

RS-232 to RS-422/RS-485 Bidirectional Converter

- IC485AI is a 2-way converter converting RS-232 signals into RS-422/RS-485 signals in long-distance application up to 1200m (4000 ft.). Its built-in RS-485 automatic flow and direction monitoring function can suppress signal surge.

IC-485AI

Device
Bar Code Reader /
POS Terminal.....

Features

- No External Flow Control Signals for RS-485 Required
- DCE/DTE Selectable
- Point to Point, Multi Drop, and Simplex/Duplex Link Selectable
- Four Wire Full Duplex ; Two Wire Half Duplex
- Supports Up to 32 Receivers to Be Set in Multi Drop Installation
- Networking Cable Length Up to 4,000 Feet
- Supports Transfer Speeds of Up to 115.2Kbps
- 2000V Isolation Protection
- Protecting The Equipment From An Electrical Surge of Up to 2000V

Specification

Function			IC485AI
Connector			1 x DB-25F (RS-232)
			4 x Terminal Block (RS-422 / RS-485)
			1 x Grounding Tab
Switch	slide Switch		DTE, DCE
	DIP Switch	SW1~SW4	Baud Rate (1,200 to 115200 bps)
		SW5~SW6	Data Format (9, 10, 11, 12 bits)
		SW7	RS-422 / RS-485 Mode
		SW8	RTS On / Off
Isolated Protection Voltage			Up to 2000V DC
Cable Length			4000 feet (Networking)
Power Consumption			DC 9V,900mW(max.)
Enclosure			Plastic
Weight			65g
Dimenstions (L x W x H)			7.90 x 5.45 x 2.10 cm