

IC-485AI

RS-232 to RS-485/RS-422 Bi-directional

- Automatic internal RS-485 bus supervision
- No external flow control signals for RS-485 required
- Minimum 2000V isolation protection
- Four wire full duplex; two wire half duplex
- Cable distance of up to 1200 m (4000 ft.)



Features

- Automatic internal RS-485 bus supervision
 - No external flow control signals for RS-485 required
 - Transient suppression on RS-485 data lines
 - LEDs for easy status monitoring
 - Minimum 2000V isolation protection
 - Up to 115.2 Kbps data throughput
 - DCE / DTE selectable
 - Point-to-Point; Multidrop; and Simplex operating modes
 - Four wire full duplex; two wire half duplex
 - Cable distance of up to 1200 m (4000 ft.)
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Specification

Function		Specification
Connectors		1 DB-25 Female (RS-232)
		RS-485 / RS-422 Four Terminal Block
		Grounding Tab
Switches	SW1	DCE, DTE
	SW2	Segment 1-3: Baud Rate; Segment 4: Reserved; Segment 5&6: Data Format (bits); Segment 7&8: RS-422 / RS-485 Select
Power Consumption		DC9V 900mW (Max)
Cable Length		1200m [4000'] (Max.)
Housing		Plastic
Weight		60g
Dimensions (L x W x H)		54 x 74.5 x 18.5mm