

Product Model: SCCAD-1121i

RS-232 to RS-422/485 Converter - Addressable function, with 3KV Optical Isolation, with DIN Rail Kit



Feature:

- Transmission speed up to 115.2 kbps
- Built-in microprocessor
- Watchdog timer function
- All communication setups stored in EEPROM
- Power and data flow indicator for troubleshooting
- Addressable and non-addressable mode configurable
- Built-in Terminator 120 ohm for DIP Switch Setting
- Max 10 Device connectivity for 4 Wire RS-485(RS-422 Multi-Drop) Mode
- Max 32 Device Connectivity for RS-485 Mode
- Communication status can be monitored through LED
- 3KV Optical Isolation Protection
- 600W Surge Protection
- Built-in 15KV ESD protection for all Serial Port and RS-422/485 Signal
- Supports Industrial Specification

Specification	
Hardware	RS-422/485 Connector: Terminal Block 7 Pin 5mm RS-232 Connector: DB9 Female
Serial Interface	Serial Standard: RS-232 and RS-422/485
Serial Line Protection	Optical Isolation Protect: 3KV Opto Isolation(for RS-422/485) ESD Protection: 15KV ESD Protection for all signals (for RS-232/422/485) Surge Protection : 600W Surge Protection for RS-422/485 Signals

Performance	Baud rate: 300 ~ 115,200 (RS-422/485 and RS-232 can set to different baud rate) Data Format: (RS-232) (RS-422/485 is fixed to 1 stop bit, non-parity, 8 data bits format)
Distance	Max 1.2Km by 115.2Kbps, 24 AWG Twisted Pair Cable
Serial Communication parameters	Data Bits: 5, 6, 7, 8 Stop Bit: 1, 2 Parity: None, Even, Odd, Space, Mark
Serial Signals	RS-232: TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND RS-422: Tx+, Tx-, Rx+, Rx-, GND RS-485 (2 Wire RS-485): Data+, Data-, GND 4 Wire RS-485 (RS-422 Multi-Drop): Tx+, Tx-, Rx+, Rx-, GND
Physical Characteristics	Housing: PC
Environmental Limits	Operating temperature: -30°C to 75 °C Storage temperature: -40 °C to 85 °C Ambient Relative Humidity: 5 ~ 95% Non-Condensing
Standards and Certifications	CE and FCC supports
Package Content	RS-232 to RS-422/485 Converter - Addressable function, 3KV Optical Isolation x 1 DIN Rail Kit x 1 Quick Installation Guide x 1 Driver CD x 1