

● **CVR-100: RS232 to RS485/RS422 Repeater**



Order Information:

Model No.: CVR-100

● **FEATURES**

➤ **Support Interface**

RS-232 x 1, up to 115.2Kbps.
RS485/RS422 x 1, up to 115.2Kbps.

➤ **Terminator**

DIP Switch selectable 120ohm terminator.

➤ **Low Power Consumption**

Less than 0.5W Power Consumption

➤ **High Reliability**

RTOS inside, Build in Watchdog, Power Good, Software Watchdog
Working 24Hours per day

➤ **Low Cost**

● **APPLICATIONS**

RS232 to RS485/RS422 Converter
Data collection & security terminals:
Access Control Terminals
Security Devices
Time Recorders
Warehouse Terminals
Shop floor automation Terminals
Remote Sensors & Meters:
Power monitors
Power meters
Environmental monitors
Temperature monitors
Data loggers
Auto-ID Scanners:
Barcode Scanners
Magnetic Card Readers

● **GENERAL DESCRIPTIONS**

CVR series, including CVR-100, CVR-100I, CVR-110, CVR-200, CVR-200I, CVR-150 and other products are signal converters between RS232, RS422, RS485 physical signals, of which CVR-100 is non- Isolated RS232 to RS485/RS422 signal converter, CVR-100I is isolated RS232 to RS485/RS422 signal converter, CVR-110 is RS485/RS422 signal repeater, CVR-200 is non-isolated USB to RS232 /RS485/RS422 signal converter, CVR-200I is isolated USB to RS232/RS485/RS422 signal converter, CVR-150 is isolated 5Port RS485 repeater, CVR series is suitable for all industrial control, data collection , card readers and other applications.

The CVR-150 has a built-in CortexM3 processor. The RS485 trunk mode is Store and Forward mode, and the signal is not distorted. This is a feature of the CVR-150.

● **SPECIFICATION**

• **Serial Interface**

Number of Ports	2
Serial Standards	RS232, RS485/RS422
Connectors	Terminal Block
ESD Protection	15 kV for all signals
RS-485 Data Direction Control	automatic data direction control

• **Serial Communication Parameters**

Data Bits	7, 8
Stop Bits	1, 2
Parity	None, Even, Odd, Space, Mark
Flow Control	-
Baud rate	Auto Baudrate

• **Serial Signals**

RS-232	-
RS-422	RX+, RX-, TX+, TX-
RS-485-2w	Data+, Data-

• **Software**

Configuration Options	-
Utilities	-

• **Physical Characteristics**

Housing	PC ,
Weight	300 g
Dimensions	Without ears: 33 x 80 x 102 mm With ears: 33 x 94 x 102 mm

• Environmental Limits

Operating Temperature	0 to 60°C (32 to 140°F)
Storage Temperature	-40 to 85 °C (-40 to 185°F)
Ambient Relative Humidity	5 to 95% (non-condensing)
Altitude	Up to 2000 m (795 hPa), higher altitudes on demand
Note	

• Power Requirements

Input Voltage	12 to 30 VDC, No Polarity
Power Connector	Terminal block
Power Consumption	110 mA @ DC24V
Isolation	2KV

• Standards and Certifications

EMC	CE
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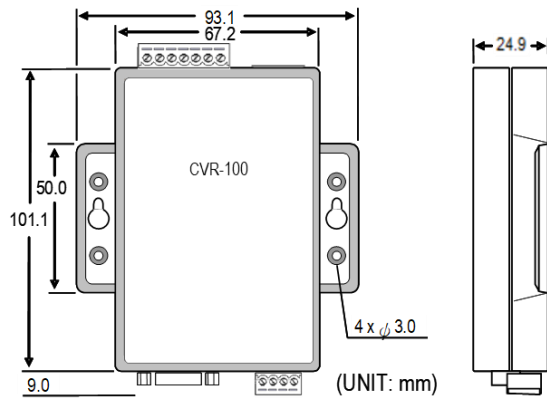
• Reliability

MTBF (mean time between failures)	
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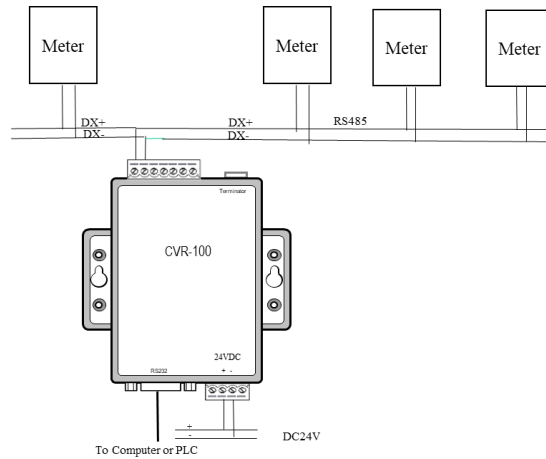
• Warranty

Warranty Period	1 year
Details	See http://www.infosystem.com.tw

● Dimension



● Connection



● Configuration

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● Installation

Wall Mount

Din Rail (Optional Din Rail Kit)