

# RS-232 to RS-422 / RS-485 ISOLATED CONVERTER DCRR-01001

## FEATURES

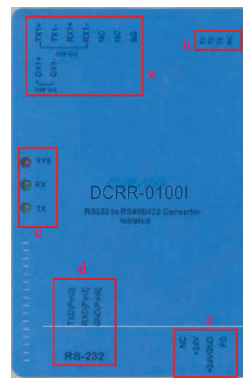
- Auto baud rate detection
- Auto detect RS-422 / RS-485, no configuration
- Isolation 3KV power module and photo coupler isolation
- High stability, non-flammable case (PC), high safety



## SPECIFICATION

- ◆ LED Indication:
  - SYS: High brightness red round LED
  - RX: High brightness green round LED
  - TX: High brightness green round LED
- ◆ Baud Rate: Up to 115200 bps
- ◆ Serial Port:
  - RS-232 x 1
  - RS-422 x 1
  - RS-485 x 1
- ◆ Function Switch:
  - NC: Reserved
  - T3: Reserved
  - T2: RX1+~RX1- terminators (RS-422)
  - T1: TX1+~TX1- terminators (RS-422)
  - DX1+~DX1- terminators (RS-485)
- ◆ Operating Temperature: 0~55°C
- ◆ Operating Humidity: 20~95% RH (non-condensing)
- ◆ Storage Temperature: -10~70°C
- ◆ Storage Humidity: 20~95% RH (non-condensing)
- ◆ Terminal Resistance: 120Ω
- ◆ Power Supply: DC 24V, 220mA
- ◆ Installation: Surface mount, wall mount

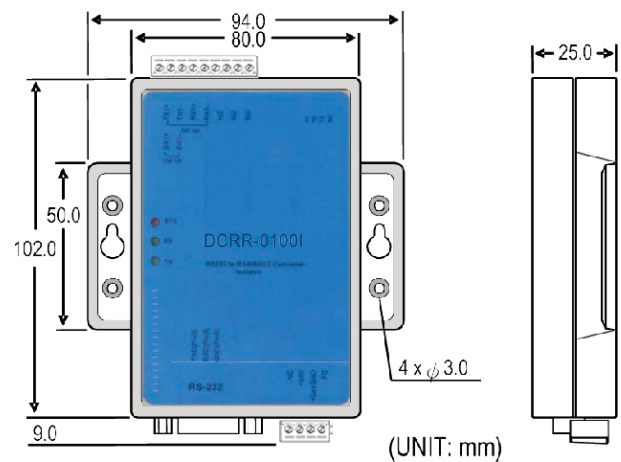
## FRONT PANEL



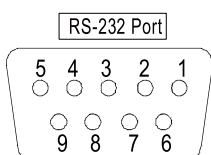
- a. RS-422 / RS-485 Port
- b. Terminator Switch (SW1)
- c. LED Indication
- d. RS-232 Port
- e. DC 24V Power Supply



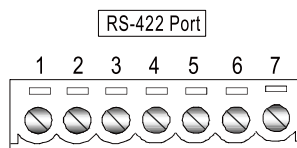
## DIMENSION



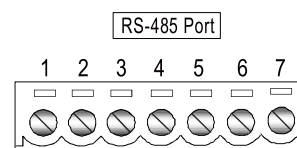
## WIRING CONNECTION



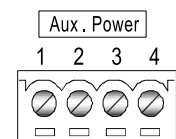
Pin	RS-232
1	CD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI



Pin	RS-422
1	TX 1+
2	TX 1-
3	RX 1+
4	RX 1-



Pin	RS-485
1	DX 1+
2	DX 1-



Pin	Aux. Power
1	NC
2	+24V
3	+24VGND
4	FG