1 RS-485 to 3 RS-485 Multiplexer | DCRR-MUX04

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■ APPLICATIONS

RS485 Repeater or Hub
Data collection & security terminals:
Access Control Terminals
Warehouse Terminals
Shop floor automation Terminals
Access Control Terminals

Remote Sensors & Meters:
Power monitors
Power monitors
Environmental monitors
Temperature monitors
Auto-ID Scanners:
Barcode Scanners
Magnetic Card Readers

■ FEATURES

◆ 1 RS485 slave to 3 RS485MasterMultiplexer
◆ The baud rate can be as high as 921.6Kbps.
◆ Half-duplex communication mode
◆ Power isolation and RS485 isolation
◆ Baudratesetting using Browser or setting tool, each RS485 can use different baud rate
◆ The power supply is DC24V, and the average power consumption is about 1W.
◆ Data transfer using store and forward

◆ Setup Login in Password Protect
◆ Access Password Protect
◆ Firmware Upgradeable
◆ Support New Version Firmware Upgradeable
◆ Low Power Consumption
◆ High Reliability
◆ RTOS inside, Build in Watchdog, Power Good, Software Watchdog Working 24Hours per day
◆ Low Cost

■ SPECIFICATION

● Serial Interface

◆ Number of Ports   4
◆ Serial Standards   RS485
◆ 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   300 bps to 921.6 kbps, option to 50 bps~921.6 kbps

● Serial Signals

◆ RS-232   -
◆ RS-422   -
◆ RS-485-2w   Data+, Data-

● Physical Characteristics

◆ Housing   PC

◆ Weight   300 g
◆ Dimensions Without ears: 33 x 80 x 102 (L x W x H) mm
             With ears: 33 x 94 x 102 (L x W x H) mm

● Environmental Limits

◆ Operating Temperature   00 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
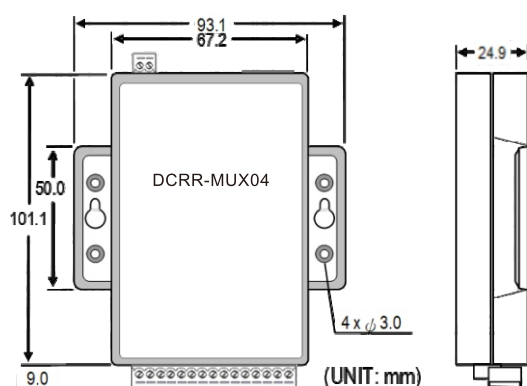
● Power Requirements

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

● Standards and Certifications

◆ EMC   CE

■ DIMENSIO

(UNIT: mm)

■ Connection

CHUNDE