

WISE-5400E

WISE-5490

PCIe mini card expansion module

2-port Isolated RS-232/422/485 Communication Module



WISE-5400E



Specifications

General

- **Certification** CE, FCC class A
- **Enclosure** Aluminum housing
- **Power Consumption** 0.5W@24V_{DC}
- **Bus Interface** PCIe x1
- **LED Indicator** PWR, Standby

Expansion Function

- **Interface** Full size mini PCI express 2.0
- **SIM card slot** Nano SIM card
- **Antenna** 1x SMA hole on the top

Environment

- **Operating Temperature** -10 ~ 60°C (mounted vertically)
- **Storage Temperature** -40 ~ 85°C
- **Relative Humidity** 5 ~ 95% (non-condensing)

Ordering Information

- **WISE-5400E** PCIe-mini card expansion module



WISE-5490



Specifications

General

- **Certification** CE, FCC class A
- **Connector** 2 x DB9
- **Enclosure** Aluminum housing
- **Power Consumption** 2W@24V_{DC}
- **Bus Interface** PCIe x1
- **LED Indicator** PWR, Standby, TX/RX

Serial Communication

- **Data Bits** 5, 6, 7, 8
- **Stop Bits** 1, 1.5, 2
- **Parity** None, even, odd
- **Baud Rate** 50 bps ~ 230.4 kbps
- **Data Signals** RS-232: TxD, RxD, GND
RS-422: Tx+, Tx-, Rx+, RX-
RS-485: Data+, Data-
- **FIFO** 256 bytes
- **Flow Control** Xon/Xoff

Protection

- **ESD Protection** 8KV (air), 4KV (contact)
- **EFT Protection** 2,000 V_{DC} (Power Line)
- **Isolation Protection** 2,500 V_{DC} (between COM port and backplane)

Environment

- **Operation Temperature** -10~60°C (vertical mounted)
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Ordering Information

- **WISE-5490** 2-port isolated RS-232/422/485 Communication Module