

RMX600E

series **Multiplexer**



4 port or 8 port over one line
DDN NTU/DTU Connection
Leased Line Connection
DialUp Line Connection
128000bps SYNC connection
115200bps ASYNC connection
38400bps terminal connection



- ◆ **Support upto 128000bps SYNC DDN connection, higher throughput.**
- ◆ **Support V.35 interface for SYNC DDN NTU/DTU device connection.**
- ◆ **Support upto 115200bps ASYNC standard MODEM, good cost performance.**
- ◆ **Support upto 38400bps ASYNC channel port. Suitable for high speed terminal.**
- ◆ **4 port and 8 port models available. Suitable for different requirement.**
- ◆ **Two Composite ports can automatically backup your system.**

RMX600E Specification:

System structure:

- *RMX640: 4 channel port over 2 composite port.
- *RMU680: 8 channel port over 2 composite port.
- *RMX640-V35: 4 channel port over 2 composite port with V.35 interface.
- *RMU680-V35: 8 channel port over 2 composite port with V.35 interface.
- ***one composite port COM1 in RMX640/680 is used as backup port.***
- ***For V35 version only COM2 to be V.35 interface.***

Composite port capability:

- *Connector type: DB25 male connector.
- *interface:
 - RMX640/680: RS232C compatible.
 - RMX640/680-V35: V.35 compatible. (COM2 port only)(Note: COM2 port is hard-wired for V.35 or RS232)
- *Baud rate:
 - COM2: SYNC mode upto 128000bps.
 - COM1: ASYNC mode upto 115200bps.
- *Flow control: RTS/CTS hardware handshake or none.

System processor:

- *type: 80182 CPU.
- *speed: 32MHz.

System memory:

- *EPROM: 128KByte.
- *RAM: 64KByte.

Dimension:

- *RMX600 box: 29.8*3.5*5.5 (cm).

Channel port capability:

- *Connector type: DB25 female connector.
- *Baud rate: 110,300,1200,2400,4800,9600,19200,38400bps.
(Note: For special baud rate setting call factory).
- *Data format: 5,6,7,8 bits.
- *Parity check: none, even parity, odd parity.
- *Number of stop bit: 1 bit or 2 bit.
- *Flow control: none
 - RTS/CTS hardware handshake.
 - XON/XOFF software handshake.
 - XON/XANY software handshake.
 - XON/XOFF transparent handshake.

Environment:

- *operating temperature: 5 -- 40 C.
- *operating humidity: 10%--90% RH.
- *storage temperature: 0 -- 65 C.
- *storage humidity: 5% -- 90% RH.

Power requirement:

- *AC input: 100 to 240 VAC.
- *DC input: -40 to -56 VDC.
- *power consumption: 10W.

Other relative products.

- *RAMUXIOP Port Expander: support eight virtual COM port in WIN2000/XP/2003/Vista system over one serial port.
- *RAMUX680 Railway Multiplexer: support one COM port to access eight serial device and daisy chain upto 64 devices.
- *PSDMUX680 Serial port HUB: support one Master port and nine slave ports.

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