

RS232 /422/485 to 10/100TX CONVERTER

Overview

BM-TS100RJ provides 1 port RS232/485/422 (RS232, DB9M; RS485/422, 5 bit terminal block) and 1 port 10/100Base-TX. It makes the ideal choice for connecting serial devices and Host computer to an IP based Ethernet, making it easy and convenient for your management. Its software can set and update serial program group in the application. It supports TCP, UDP, ARP, ICMP, DHCP and Windows Native COM, LFF functions. BM-TS100RJ serial device server provides powerful management configuration tools based on Windows, guiding users' configuration of the devices step by step. All configurations can be done by network and serial port, supporting communication across gateway and router. In addition, it allows users to configurate flexible IP address, Server or Client mode, size of packet, etc. This serial device sever is designed with EMC protection, and power supply have over current and overvoltage protection., making it a stable unit also in hazardous environment. Featuring wall and DIN-Rail mounting design.



Specifications

LAN	<p><i>Standard:</i> 10Base-T, 100Base-TX <i>Protocol:</i> Support TCP, UDP, APR, ICMP and DHCP protocol <i>Signal:</i> Rx+,Rx-,Tx+,Tx- <i>Speed:</i> 10/100Mbps, full duplex-half duplex mode <i>Working mode:</i> Support Server and Client <i>Transmission Distance:</i> 100m <i>Protection:</i> 1.5KV ESD <i>Connector:</i> RJ45</p>
Serial Interface	<p><i>Serial Ports:</i> 1 port RS-232, 1 port RS-422/485 <i>RS-232 signal:</i> TXD,RXD,RTS,CTS,DTR,DSR,GND <i>RS-422 signal:</i> T+ (A), T-(B), R+(A), R-(B), GND <i>RS-485 signal:</i> D+ (A), D-(B), GND <i>Parity bit:</i> None, Even, Odd, Space, M ark <i>Data bit:</i> 5bit, 6bit, 7bit, 8bit <i>Baud rate:</i> 300bps~115200bps <i>Flow control:</i> RTS/CTS or XON/XOFF <i>Direction control:</i> RS485 side adopt ADDC technology, auto text and control data transfer direction <i>Loading:</i> RS-485/422 side support 32 nodes (customize 128 nodes) loopback <i>Transmission:</i> RS-485/422 side 1200M, RS-232 port 15M <i>Interface protection:</i> 1500W surge protection, 15KV static protection <i>Interface type:</i> RS-232 side DB9 male, RS-485/422 side 5 bit terminal block</p>
Power	<p><i>Power input:</i> 9~48VDC <i>Consumption:</i> Approx 1.4W</p>
Environment	<p><i>Operating temperature:</i> -10°C to 75°C (14° to 167°F) <i>Storage temperature:</i> -40°C to 85°C (-40° to 185°F) <i>Humidity:</i> 5% to 95% (no condensation)</p>
Dimensions	<p>(100 x 69 x 22)mm, (3.9 x 2.7 x 0.87)" Weight: 530g (1.17 lb) metal case</p>

Ordering Information

BM-TS100RJ	BSD 1 Port RS 232/485/422 to 10/100TX Converter
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