

MODBUS RTU/ASCII TO MODBUS TCP CONVERTERS WITH 502 PORTS

DDSE SERIES



SYNOPSIS

- DDSE M 2 485 502 O IS A DUAL SERIAL PORT MODBUS RTU TO MODBUS TCP PROTOCOL CONVERTER.
- SERIAL PORTS RS485/422 CONFIGURABLE.
- DUAL POWER: 24V DC POWER INPUT AND AC ADAPTER PROVISION, OPTIONIONAL POE POWER
- MODBUS TCP MASTER: BOTH PORTS NUMBER FIXED 502
- TCP TO RTU SUPPORT 8 SIMULTANEOUS TCP MASTER, 32 SIMULTANEOUS REQUESTS PER MASTER
- SUPPORT IP FILER
- OPTIONAL WIFI

TECHNICAL SPECIFICATIONS

COMMUNICATION

CPU	MT7688AN MIPS CPU, 580 MHz
RAM	128M Bytes DDR2 RAM
ROM	32M Bytes Flash ROM
OS	Open Wrt Linux OS

ETHERNET

Port Type	1 Port * RJ45 Connector
Speed	10 /100 M bps (Auto Detecting)
Protocol	ARP, IP, ICMP, UDP, TCP, HTTP, DHCP, NTP, DNS
Mode	TCP Master only Modbus TCP Master Only: Both ports number can be 502
Setup	HTTP Browser Setup, IE, Chrome, Firefox, Console
Security	Setup Password
Protection	Built-in 1.5KV Magnetic Isolation

SERIAL PORT

Port	RS 485/422 * 2 Port
RS485 Pins	Data+, Data- GND, Surge Protected
RS422 Pins	Rx+, Rx-, Tx+, Tx-, GND, Surge Protected
Speed	300 bps to 921.6 Kbps
Parity	None, Odd, Even
Data Bit	5, 6, 7, 8
Stop Bit	1, 2
15KV ESD for all signals	

OTHER FEATURES

Config Utility	WIN-10, Win-8, Win-7, Vista, Win-XP, Win-2003 server, Win-2000
Security	Login Password
Indications	LEDs for SYS, PWR, LAN, RX, TX
Real Time Clock	
Watch Dog Function	

POWER

Dual Power	24V DC. (Range 9 to 24V DC). 200 mA @ 12V, Terminal block DC Jack for External Adapter (Adapter not a standard Supply) Optional 48, 110, 220V DC. 3 Pin Terminal block Optional 230V AC Range 165V AC to 265V AC, 3 Pin Terminal block PoE 802.3 af (optional)
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MECHANICAL

Dimension	110 * 33 * 113 mm (H * W * D) for DC Supply 110 * 33 * 140 mm (H * W * D) for AC Supply
Housing	Metal
Weight	450g
Mounting	DIN Rail

ENVIRONMENT

Working Temperature	-20°C to +70°C
Storage Temperature	-25°C to +80°C

ORDERING INFORMATION

DDSE M 2 485 502 A/D XXX O

DDSE M 2 485	2 Port RS485/422 Modbus RTU to Modbus TCP Converter
502	Fixed Both Serial Ports have same port number (502)
A/D	D: DC Voltage (Default) A: AC Voltage
XXX	24 for 24V DC (Default) 48, 110, 220 for DC input (Optional) 230 for 230V AC (Optional)
P	POE- af Power (Optional)
W	Wi-Fi (Optional)
O	Fixed

DATA BRIDGE
D Y N A M I C