Industrial Serial to Ethernet Converter   MWISB08

◆ 8-Port RS-232/485/422 Modbus to Ethernet Industrial Converter

➢ Features

- Support 8 port RS-232/485/422 Modbus to Ethernet
- Support 1200 bps to 460800 bps non-blocking communication line speed
- Support TCP Server, TCP Client, UDP mode
- Support CTS/RTS hardware flow control
- Supports virtual serial and searching device or modifying parameters
- Provide device management library (Window DLL library)
- With build-in Web server, its parameters can be modified by web browse
- Support DHCP, easy for IP management and solve IP confliction
- Support DNS. It fulfills the need of access data server through domain name
- UDP mode support dynamic destination address mode.
- Support full duplex, high speed converting, simultaneously converting large bulk of data with no pause, and no data is lost
- Build-in 2 KV electrical plus protection in RJ45
- High protection of electromagnetic interference, with its high electromagnetic interference protection SECC external shell.
- Supports Windows 2000/XP/WIN7/WIN8/WIN10
- Working temperature: -40～85℃

➢ Introduction

MWISB08 is Industrial serial to Ethernet converter. It converts RS232/485/422 Modbus protocol to TCP/IP protocol. It provides 8 port RS232/485/422 Modbus and 2 port 10/100Base-Tx Ethernet, can convenientlyl serial device connect to Ethernet , and upgrade the serial device withnetworking.

MWISB08 supports Full-duplex/Half-duplex, uninterrupted communication. It embedded with lightning protection circuits. It supports DHCP, DNS. It supports virtual serial driver, and user's previous PC software using serial communication need no change.

➢ Specification

Interface	
Serial	RS232, RS485, RS422 Modbus
RJ45	Networking connecter; Power plug-in or terminal
Communicate interface	
Ethernet	10M/100M, 2KV electrical plus protection
Serial	RS232/RS485：RXD,TXD,GND,CTS,RTS
Serial parameters	
Band rate	1200~460800bps
Parity	None, Odd, Even, Mark, Space
Data size	5~9
Flow control	CTS/RTS,DTR/DSR,XON/XOFF
Software	
protocol	ETHERNET, IP, TCP, UDP, HTTP, ARP, ICMP, DHCP, DNS,
Setting method	ZLVirCom, WEB browser, device management library
Net communication method	Socket, Virtual serial , device management library
Work mode	TCP server, TCP client, UDP, Real Com Driver
Power	
Input voltage	9-24V DC
Power consumption	4W
Working temperature	-40~85℃
Storage temperature	-40~120℃
Relative humidity	5%~95%（non-condensing）
Shell	IP40 protection, metal shell
Installation	DIN-Rail
Weight	1500g
Size (L×W×H)	270mm*105mm*26mm
Standard	
EMI	FCC Part 15,CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD) , Level 3,
	EN 61000-4-4 (EFT) Level 3,
	EN 61000-4-5 (Surge) Level 2,
Shock	IEC 60068-2-27
Free fall	IEC 60068-2-32
Vibration	IEC 60068-2-6
Warranty	
Warranty time	3years
Certificates	CE, FCC, RoHS