ETH232GL1	ETH232L1
-----------	----------

Link your serial port to ethernet and internet! Micro Ethenet/Serial port converter



BOSHIKA' s Model *ETH232GL1* Micro Ethenet/Serial port converter has very small si ze(80*23*47mm), and with all RS-232, RS-485, RS-422 port. The serial port can be reali zed as virtual COM port(COM1-COM256) of local computer, so the serial communication s oftware need not to be repaired. The developing software of the converter is delieve d free with the product (VC++, VB, BC, DELPHI, source code). The software *Serial/IP3. O* IP address of ethenet to serial port adress is also delieved fr.Model ETH232GL1and ETH232L1 are easy to use. Model ETH232GL1 has optical isolation , so its ethenet, powe r supply, serial port are all isolated each other. Model ETH232L1 has not optical isolation . PATENT:200630307752

Model	function	Power supply	software
ETH232GL1	Optical isolated ethenet to RS-232/485/422	5V to 36VDC	Virtual COM
ETH232L1	ethenet to RS-232/485/422 converter	5V to 36VDC	Virtual COM

MODEL ETH232GL1 or ETH232L1 has one RS232/RS485/RS422 serial port , and one 10M ethenet port. The power supply is also delieved .

Hardware Installation

Fistly, connect the power supply (5 to 36VDC) to ETH232GL1. Pay attention to the LED. When power supply is conneted , the LED will shine.

Secondly ,connect the ethenet wire to RJ-45 port of the product.Model ETH232GL1 has a male DB-9 port with general RS-232/485/422 port.It has all RS-232, RS-485, RS-422 pins.If it is used as an RS-232 port, the DB-9 port is the same as that of PC(only pin 2, 3, 5).As RS-422, T+, T— mean ETH232GL1 send out .RS-485 and RS-422 communication needs GND (pin 5). RS-485/422 has the same GND as RS-232.

DB-9 male	1	2	3	4	5	6	7	8	9
RS-232		RXD	TXD		GND				
RS-485	А				GND				В
RS-422	T+				GND	R+		R	Т—

Model ETH232GL1 has maximum 19.2Kbps $\,$ RS-232/485/422 baud rate, actually up to 38.4Kbps. It has 600W surge protection.

Model ETH232L1 has transfomer isolatin between ethenet (RJ-45) and serial port (1000V). Power supply has the same GND as RS-232/485/422. Model ETH232L1 has maximum 115. 2Kbps RS-232/485/422 baud rate. It has 600W surge protection.



Software Installation

The software **config.exe** is used to monite and modify IP adress, serial port rate, etc. The software **test.exe** (with source code) can realize serial communication of the product dtrctly. The end user can embed the source code of **test.exe** to his software. The local port address and remote address port of config.exeshould be the same . The computer LAN addres should be 192.168.0.*)..

The product complies with WindowsXP/2000/Me.

Attachment:

🖳 Config ¥3.0		
物理地址: physical address 00 00 E8 EE 10 34	模块名称 :name	本地端口 og all 4 port 三
物理地址列表:	本地IP地址:local	远程端口: 1234 port 🚍
	192.168.0.7 子网掩码:	波特率: baµd 20 rate
	255 . 255 . 255 . 0 默认网关: default_gateway 192 . 168 . 0 . 1	停止位: ¹ stop bit▼ 奇偶校验: ^{NONE} ▼
	, 远程IP地址:remote 192.168.0.1	 C TCP 实串口模式 C TCP 模式 C TCP 客户端(一直请求连接)
电脑IP地址:computer 192.168.1.100 ▼	DNS服务器: <mark>server</mark>	 C TCP 服务器模式 C TCP 混合(串口有数请求连接) 恢复₩BB配置密码("88888")/
	读取(22) 设置(33) read set	

🌄 Test¥3. 1	
本地 oca 本机IP地址: oca [192.168.1.100 ▼ 本地端口: [1234 →	接收 <mark>receive</mark>
Iocal p可可也交al Conect	□ 十六进制显示 HEX display Clear
远程 remote 远程IP地址: 「 服务器 remote 「192 . 168 . 0 . 7	发送 send 0123456789876543210
远程满口: 1024 就绪	□ 十六进制发送 □ 目动发送 周期: 1000 毫秒 手动发送 HEX send cycle ms 手动发送 接收: 0 发送: 0 计数清零

📥 Serial/IP_ 3.0		×	
TACTICA softv	vare State		
COM4	IP Address of Server: 192.168.0.126	Port Number: 4660	
	🖓 Configuration	Wi <u>z</u> ard	
	Login to Server Using-		
	Vsername:		
	Password:		
	Connection Protocol		
	C Telnet C Telnet with CR-Padd	ing	
	 Rew TCP Connection 		
elect Ports	COM Port Options		
elect forts	DTR is modem escape		
'ort Monitor	□ DSR always high □ DCD always high		
legistration	🦵 Restore F <u>a</u> iled Conn	ections	
	Close Help	About	