

**ETH232GL1**

**ETH232L1**

*Link your serial port to ethernet and internet!*

## Micro Ethenet/Serial port converter



**BOSHKA'** s Model *ETH232GL1* Micro Ethenet/Serial port converter has very small size(80\*23\*47mm)、and with all RS-232、RS-485、RS-422 port.The serial port can be realized as virtual COM port(COM1-COM256) of local computer,so the serial communication software need not to be repaired.The developing software of the converter is delivered free with the product (VC++, VB、BC、DELPHI, source code) .The software *Serial/IP3.0* IP address of ethernet to serial port address is also delivered fr.Model *ETH232GL1* and *ETH232L1* are easy to use. Model *ETH232GL1* has optical isolation ,so its ethernet,power supply,serial port are all isolated each other. Model *ETH232L1* has not optical isolation . PATENT:**200630307752**

Model	function	Power supply	software
ETH232GL1	Optical isolated ethernet to RS-232/485/422	5V to 36VDC	Virtual COM
ETH232L1	ethernet 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 ethernet port. The power supply is also delivered .

## 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 ethernet 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-422communication 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	A				GND				B
RS-422	T+				GND	R+		R—	T—

## BOSHIKA: RS-232/RS-485 total solution

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 transformer isolation between ethernet (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 monitor and modify IP address, serial port rate, etc. The software **test.exe** (with source code) can realize serial communication of the product directly. The end user can embed the source code of **test.exe** to his software. The local port address and remote address port of config.exe should be the same. The computer LAN address should be 192.168.0.\*).

The product complies with WindowsXP/2000/Me.

### Attachment:



