

HighTek HK-890A/B/C

RS232/422/485 Device Server

User Manual

I. Summary

HighTek HK-890A/B/C is single-port serial server, according to user's needs, you can choose single serial RS232 (HK-890A), or RS422/485 (HK-890B) or RS232/422/485 3-in-1 serial (HK-890C), it is compact but powerful.

II. Features

- Compact, multi-function
- 10/100M adaptive Ethernet port, achieve serial devices' fast networking
- High-performance processor, large memory space
- Support remote parameter configuration through WEB browser
- Embedded 15KV ESD surge protection for all serial ports
- RS-232/422/485 serial ports can be flexibly combined, type conversion totally dependent on software settings
- Terminal type power connector, wiring conveniently
- Real COM port driver under windows, support up to six hosts simultaneously to open the same serial
- Supports TCP and UDP Socket, each serial port can support six different session mode
- UNIX and LINUX provides fixed TTY driver
- Supports PPP / SLIP dial-in, dial-out
- Supports TTY, can be connected to the character terminal of banking system
- Transparent transmission mode, users do not need to know the intricacies of TCP / IP protocol
- AES encryption (optional), allowing users to get reliable data security.

III. Specifications

Serial port: 1 RS-232/RS422/RS485

Ports connection type: Ethernet port: RJ45

RS232/422/485 port: DB9 pin male connector

Signal: RS232: TXD, RXD, RTS, CTS, DTR, DSR, DCD, GND

RS485 HALF: DATA+, DATA-, GND

RS485 FULL: TXD+, RXD+, TXD-, RXD-, GND

RS422: TXD+, RXD+, TXD-, RXD-, GND

Data bits: 5, 6, 7, 8

Examination: None, Even, Odd, Space, Mark

Stop bit: 1, 1.5, 2

Flow control: RTS/CTS, XON/XOFF

Speed: 300 bps to 460800 bps

Protocol: DHCP, Telnet, TCP, UDP, IP, ICMP, ARP

Real Com Driver: Windows NT/2000/XP/7,

TTY Driver: SCO UNIX, Linux

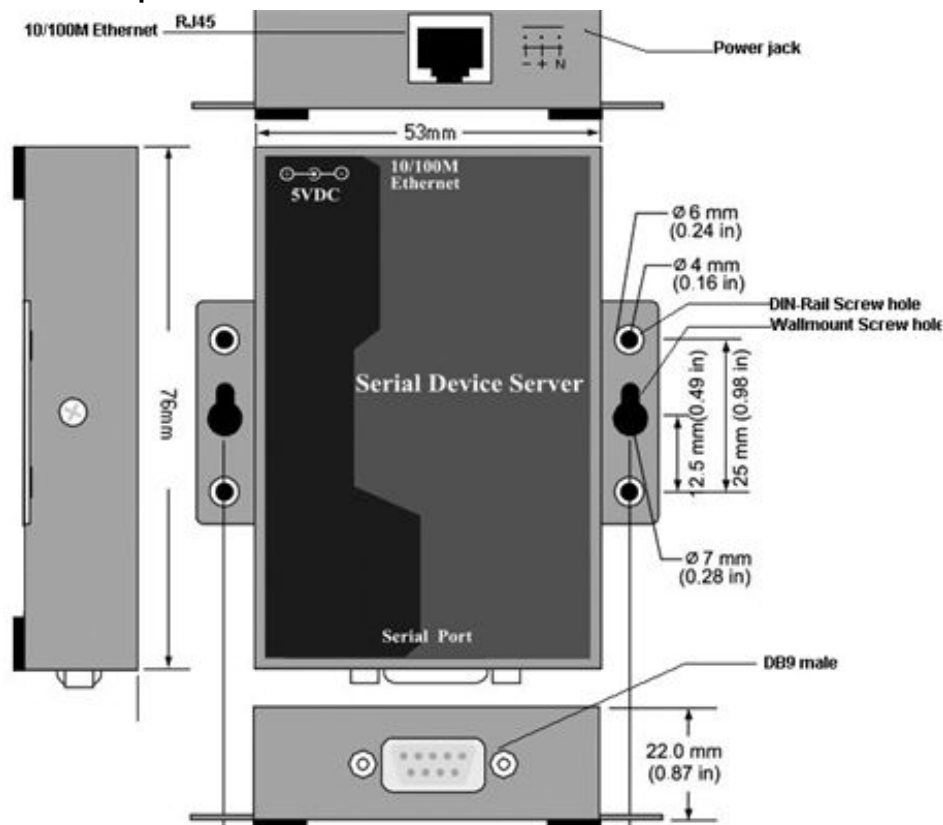
Configuration: by the serialization of CONSOLE port in RS-232, Telnet

Software support: Windows NT/ 2000/ XP/ SCO Unix/ LUNIX

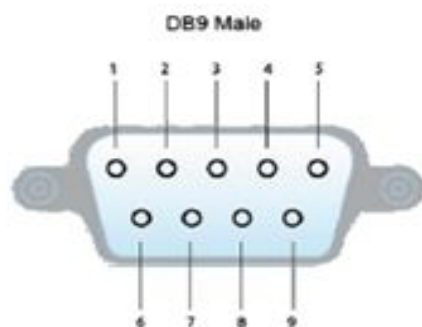
Operating Temperature: -10 to 70 °C

Operating Humidity: 5 to 95%

Store Temperature: -40 to 80 °C



IV. RS232/422/485 Pin definition



P N	RS-232	RS-485 HALF	RS-485 FULL	RS-422
1	DCD			
2	RXD	DATA-	TXD -	TXD -
3	TXD	DATA+	TXD +	TXD +
4	DTR			
5	GND		GND	GND
6	DSR			
7	RTS		RXD +	RXD +
8	CTS		RXD -	RXD -
9				