HighTek HK-8132A/B

32-port RS232/422/485 Serial Device Server

User Manual

I. Summary

HK-8132 is a style of high performance, low-power, stabilize positive 32-port serial device server. You can fast control your serial equipment through Ethernet via this product.

II. Features

- 10/100M self-adaptive Ethernet interface
- Support multiple hosts to share with equipment
- Drive the COM port under Windows NT/2000/XP platform
- Fixed TTY Driver under the SCO Unix platform
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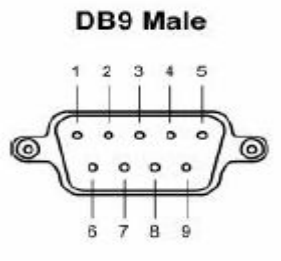
- PPP dial-up connection authentication (PAP/CHAP/RADIUS)
- Simple-to-use management program under Windows platform
- Provide security mechanisms of network access (IP / MAC)
- Offer all the C source code to visit IP under the Socket platform to visit IP and use IP serial ports under any OS supporting TCP/IP

III. Hardware

Serial port: 32 RS-232/RS422/RS485
Ports connection type:
Ethernet port: RJ45;
RS232/422/485port: RJ45
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: CONSOLE port in RS-232/422/485, 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

HK-8116 serial device server provides RJ45 connectors, supports RS-232(DTE) serial communication signal (HK-8132A) and RS-485/422 serial communication signal (HK-8132B). DB9 pin definition as below:



PIN	RS232	RS485-Half	RS485-Full	RS422
1	TXD	DATA+	TXD+	TXD+
2	RXD	DATA-	TXD-	TXD-
3	RTS		RXD+	RXD+
4	CTS		RXD-	RXD-
5	DSR			
6	GND	GND	GND	GND
7	DTR			
8	DCD			

V. Warranty

1.Products can replace within one month after sale;
2.One year warranty after sale;
3.The malfunction and damaged caused by the other barriers (man-made factors or external device) are not warranted.