ZLSN3002

Serial to Ethernet Module

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ZL DUI 20111218.1.0

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1. Summary

ZLSN3002 is a serial to Ethernet module. It can transparently convert serial data to TCP/IP data, and converts TCP/IP data to serial simultaneously. It has one serial port and one 10M/100M Ethernet port.

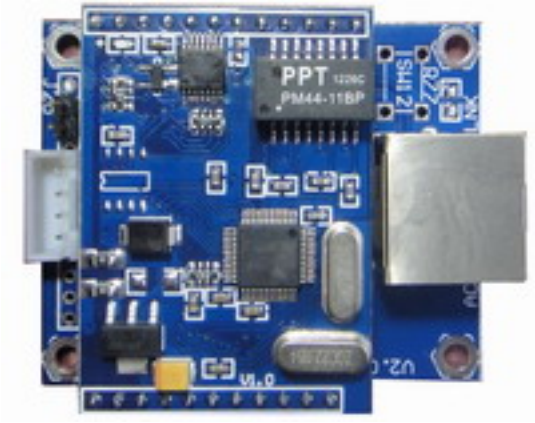


Figure 1 ZLSN3002

1.1. Characteristic of ZLSN3002

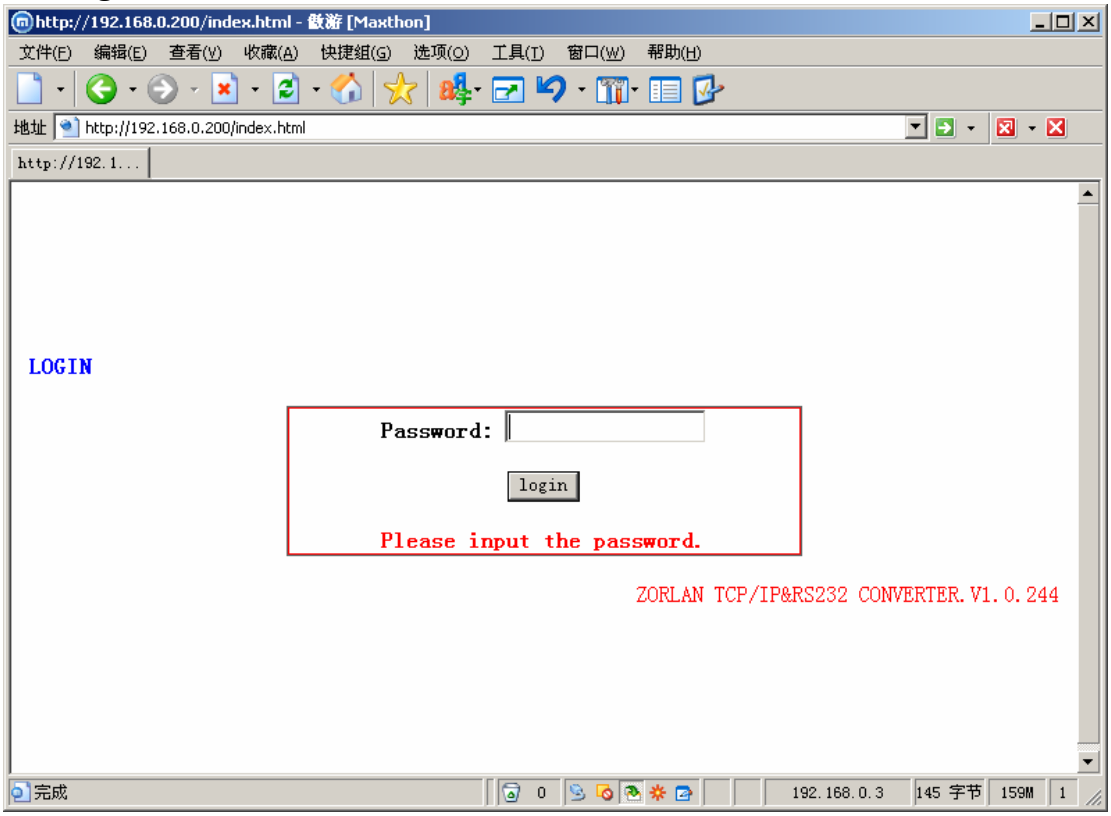
1. Full Duplex, high stability.
2. Low cost serial to Ethernet solution.
3. Support TCP Server, TCP Client, UDP mode, UDP Group; Support DHCP, DNS.
4. Serial baund rate: 1200 to 460800
5. 4 lines interface to user MCU. These are VCC (+5V or 3.3V selectable), GND, TXD and RXD. Here TXD and RXD are 3.3V TTL electrical power level, which can be directly connected to user's MCU UART pins.
6. Configure module through serial port command, Ethernet port by windows utility, Web Browser.
7. Provide Virtual serial port software ZLVircom.

2. Parameters

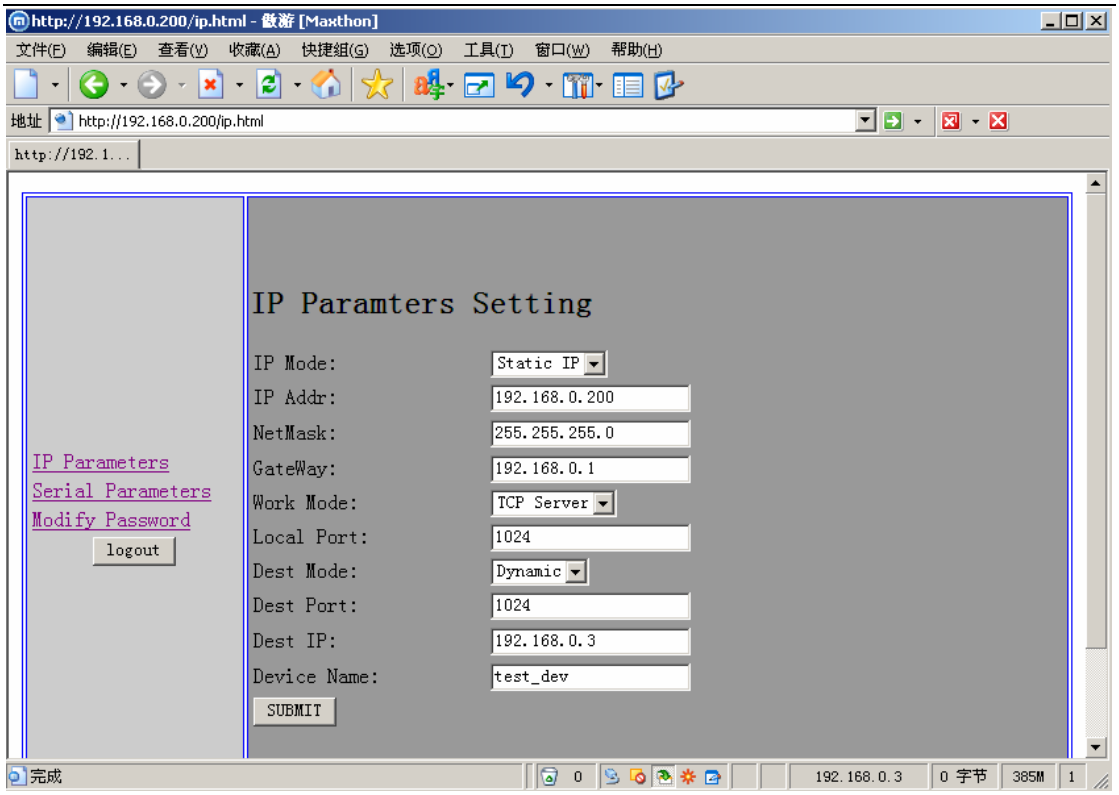
Figure		**Protocol support**	
Connecting type:	RJ45 and 4pins port	TCP, UDP ,HTTP, ARP, ICMP, DHCP, DNS	
Dimension:	43 x 53mm	**Work mode**	
Communication interface		TCP SERVER, TCP CLIENT, UDP, UDP Group	
Ethernet:	10/100Mbps	**Power**	
Serial:	TTL(5V or 3.3V selectable): RXD, TXD,CTS, RTS	Power:	DC5V(±5%), less than 90mA
Serial parameters		**Averment require**	
Bound rate:	1200~460800bps	Temperature:	-45~85℃
Parity:	None, Odd, Even, Mark, Space	Storage:	-45~165℃
Data bits:	5-9		
Flow control:	RTS/CTS, DTR/DSR, NONE		

3. Use web to comfit ZLSN3002

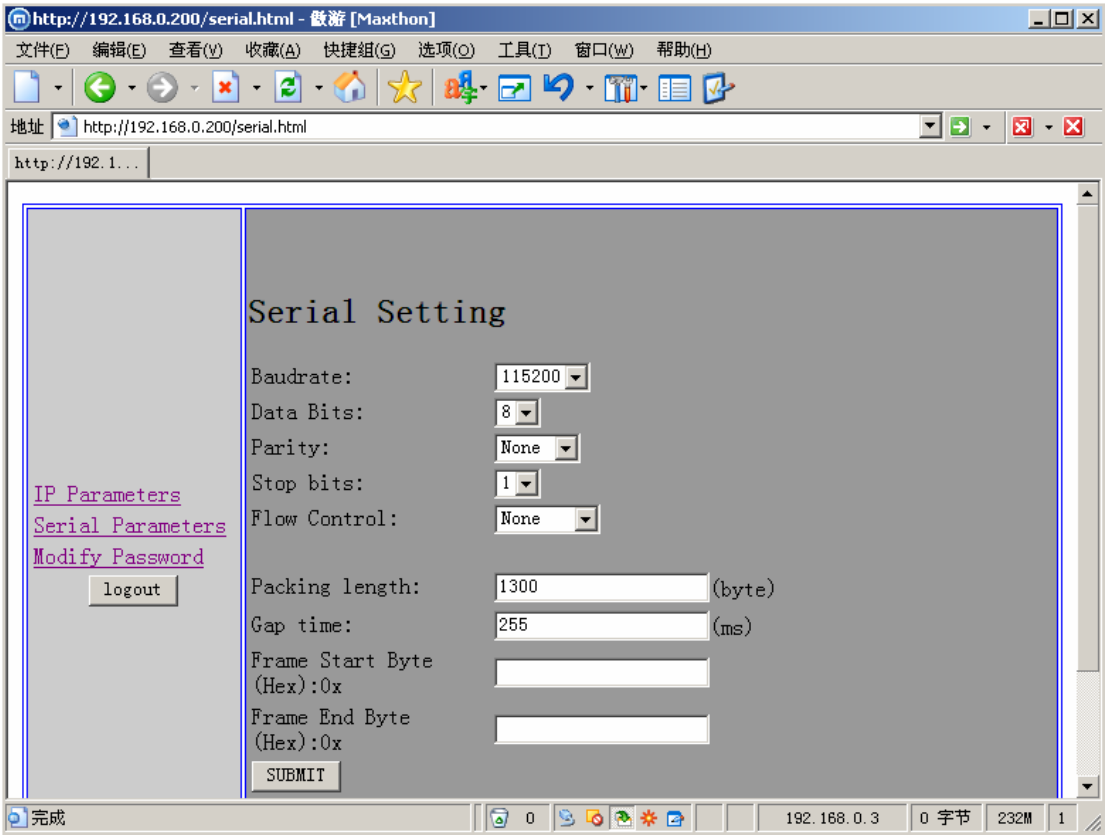
Login:



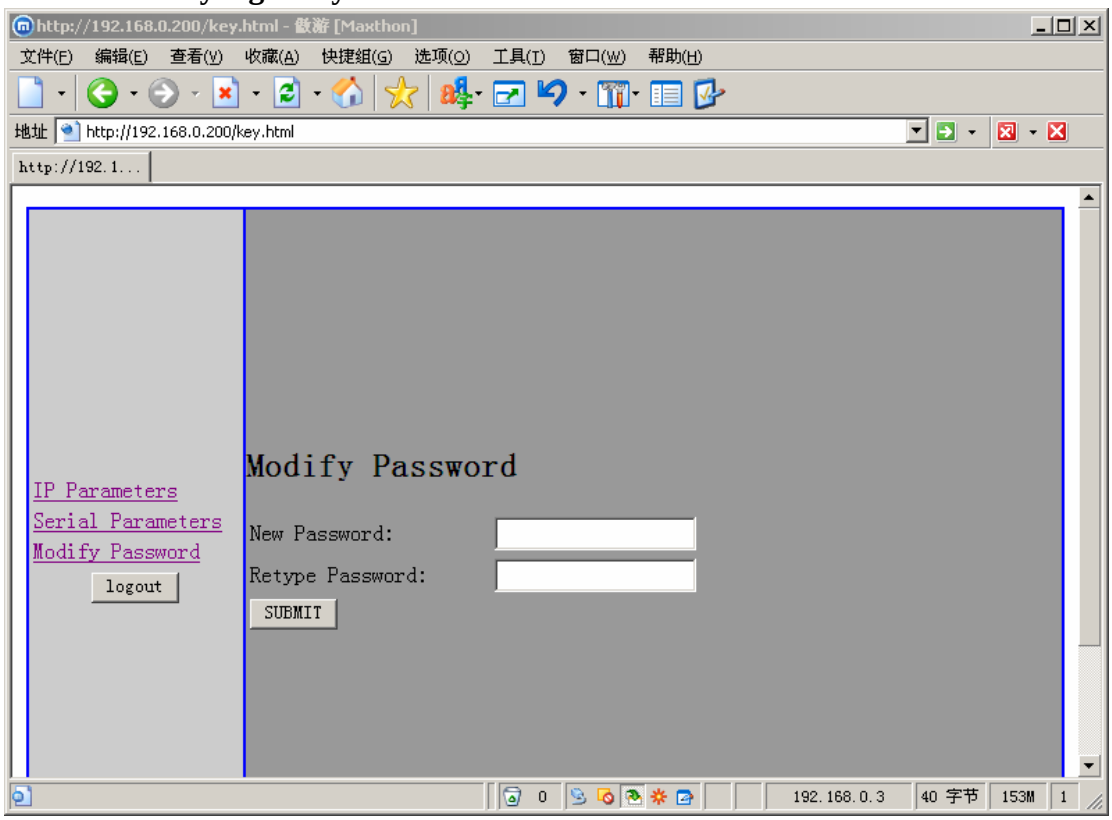
Net parameters:



Serial parameters:

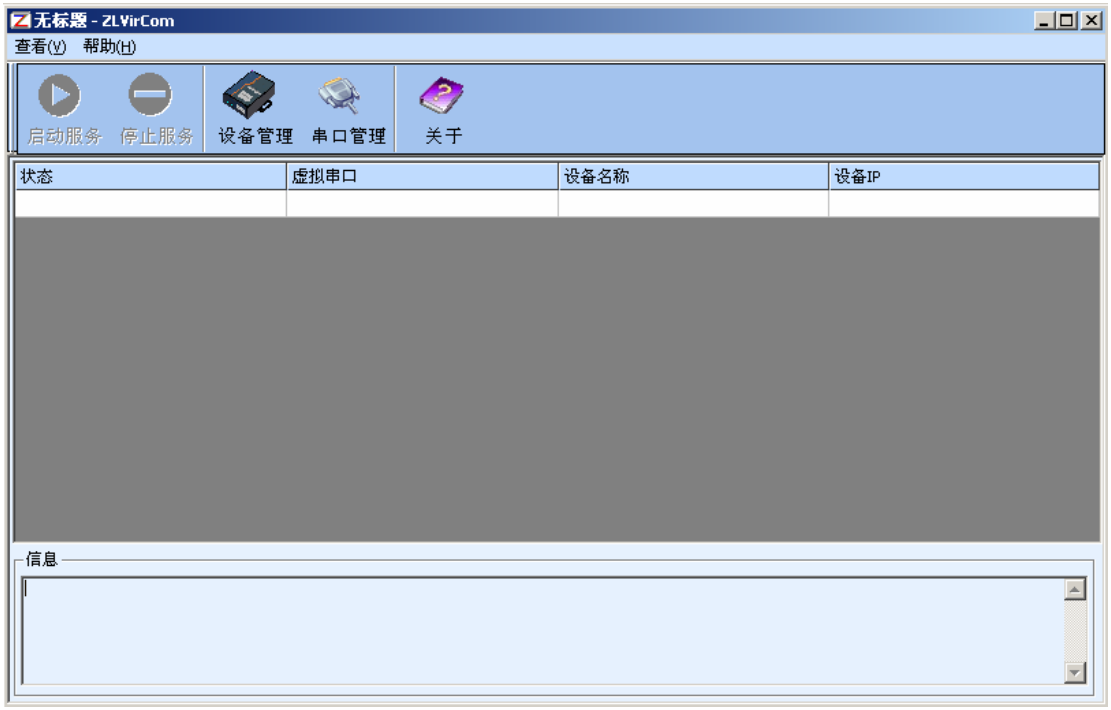


Modify login key:

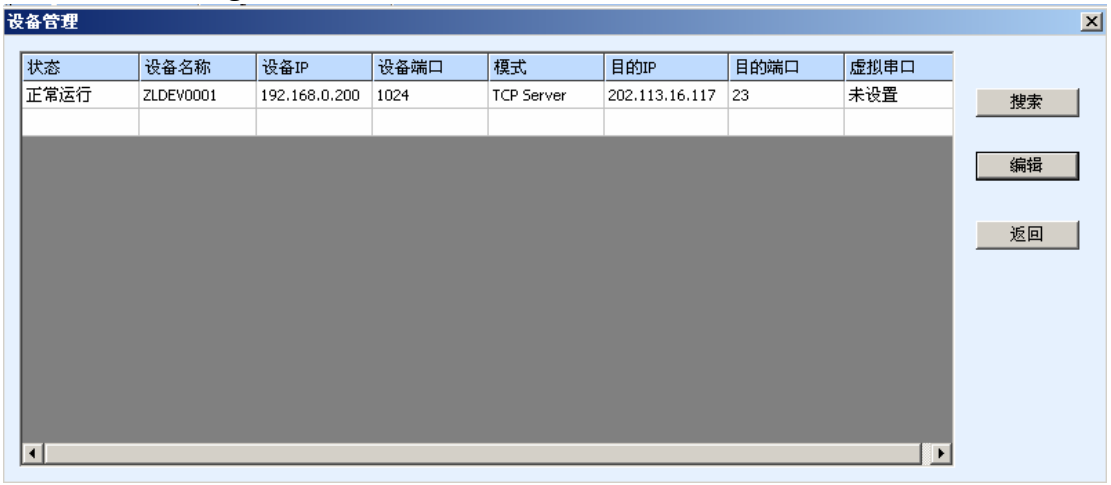


4. Use Vircom windows utility to config

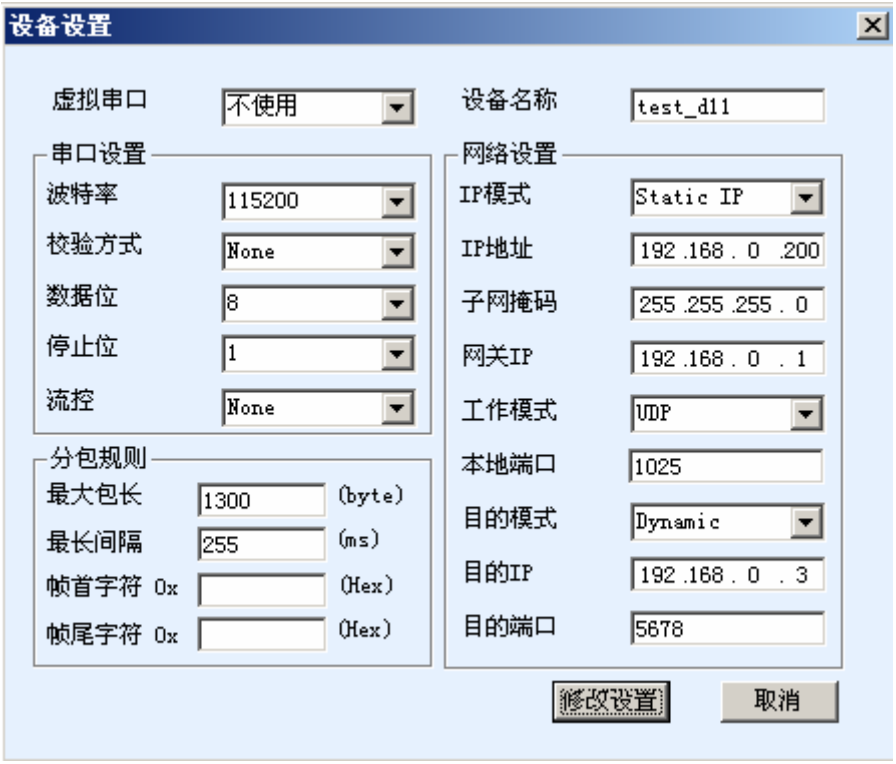
1. Run VirCom:



Device management:



Parameter setting:



5. Contact us

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