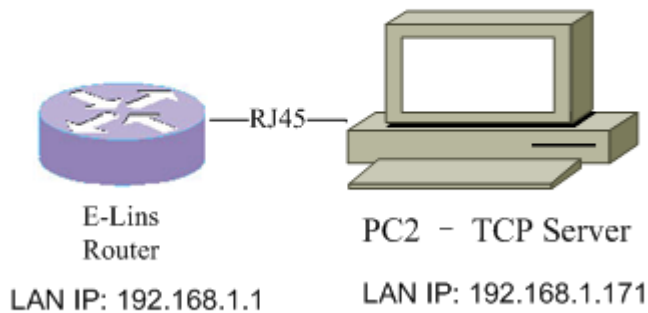


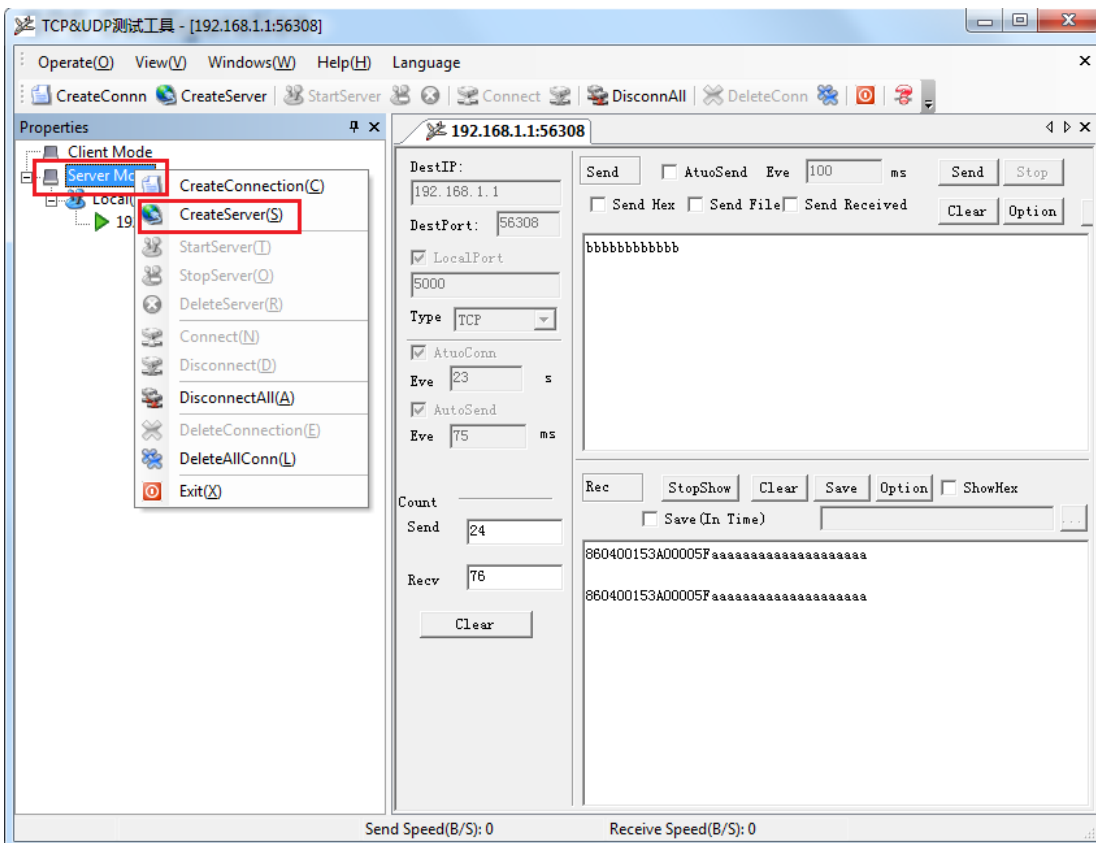
GPS Setting Example

GPS send to TCP

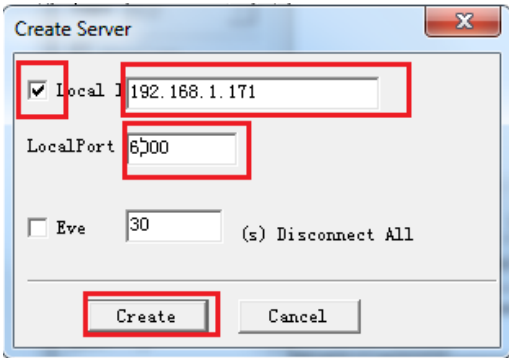
GPS Topology - Send to TCP



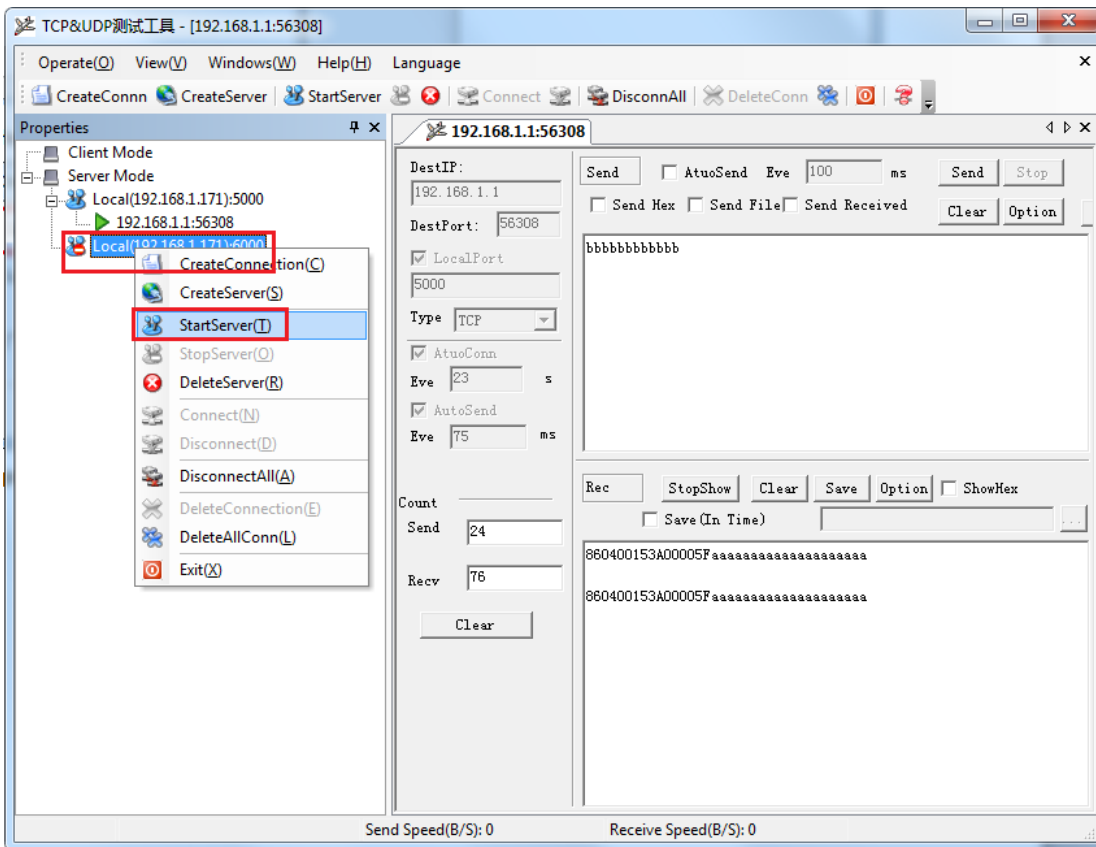
1. Open TCP/UDP tool on windows OS, right click "Server Mode", select "Create Server". Users can download TCP/UDP tool from E-Lins website.



2. Check "Local IP", input IP address and port number, then click button "Create".



3. Right click "Local(192.168.1.171):6000", select "Start Server". Then TCP server is started.



4. Open E-Lins Router Web management page, click "Services" → "GPS" at left navigation bar.

Status

System

Services

ICMP Check

VRRP

Failover

SNMP

DTU

GPS

SMS

VPN

DDNS

Connect Radio Module

Network

Logout

GPS Configuration

Notes: DTU feature and "GPS Send to Serial" cannot be used at the same time

Enable

Prefix SN No.

Only GPRMC

Send interval

GPS send to

Server IP

Server port

Save & Apply Save Reset

5. Check "Enable", set "GPS send to" as TCP, then input Server IP and Server port. When everything is done, click button "Save & Apply".

GPS Configuration

Notes: DTU feature and "GPS Send to Serial" cannot be used at the same time

Enable

Prefix SN No.

Only GPRMC

Send interval

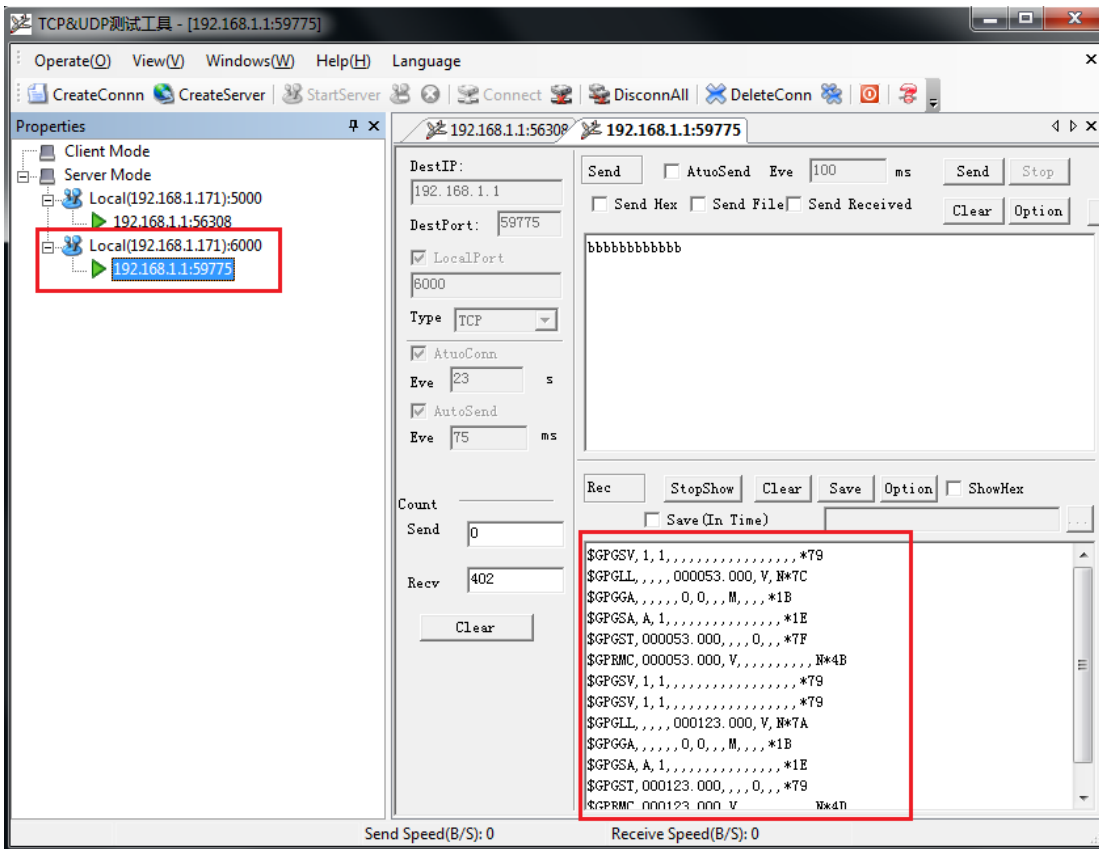
GPS send to

Server IP

Server port

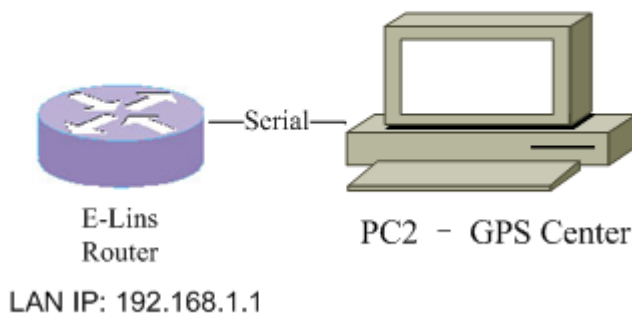
Save & Apply Save Reset

6. Check TCP/UDP tool, we can see GPS information is received.



GPS send to Serial

GPS Topology - Send to Serial



1. Open web management page, in GPS configuration page, set GPS send to "Serial".

GPS Configuration

Notes: DTU feature and "GPS Send to Serial" cannot be used at the same time

Enable

Prefix SN No.

Only GPRMC

Send interval

GPS send to

Serial baudrate

Serial parity

Serial databits

Serial stopbits

Serial flow control

2. If DTU feature is enabled. When click button "Save & Apply", an error will occurs. DTU should be disabled firstly.

GPS Configuration

Notes: DTU feature and "GPS Send to Serial" cannot be used at the same time

Enable

Prefix SN No.

Only GPRMC

Send interval

GPS send to

Serial baudrate

Serial parity

Serial databits

Serial stopbits

Serial flow control

• GPS send to: conflict with DTU, please disable DTU firstly

Save & Apply

Save

Reset

3. Open DTU configuration page, uncheck "Enable", then click button "Save & Apply".

Status	<h3>DTU Configuration</h3> <p>Notes: DTU feature and "GPS Send to Serial" cannot be used at the same time</p> <p>Enable <input type="checkbox"/></p> <p>Send DTU ID <input checked="" type="checkbox"/></p> <p>DTU ID <input type="text" value="860400153A00005F"/></p> <p>Forward delay <input type="text" value="200"/> milliseconds (range[1,10000])</p> <hr/> <h4>Serial Setting</h4> <p>Serial baudrate <input type="text" value="115200 bps"/></p> <p>Serial parity <input type="text" value="None"/></p> <p>Serial databits <input type="text" value="8 bits"/></p> <p>Serial stopbits <input type="text" value="1 bits"/></p>
System	
Services	
ICMP Check	
VRRP	
Failover	
SNMP	
DTU	
GPS	
SMS	
VPN	
DDNS	
Connect Radio Module	
Network	
Logout	

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4. Then configure GPS send to serial again.

5. Open SSCOM tool ,select com port, configure serial parameters.

