

Debug steps for TCP connection failure Technical FAQ



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Make your work more efficient

Prerequisites:

Hardware:

- 1. Boat (GD100) with batteries
- 2. Antenna including WIFI&RC antenna*3
- 3. PC

Steps:

- 1. Check the lights on network bridge:
- (1) The first in the Figure 1 is power light, if it is off, check out the connection of network bridge like Figure 2.



Figure 1

- (2) The second in the Figure1 is data transmission light, that mean PC well connect Lan cable from network bridge, basically the second light is blinking during the survey, if the light is off, you need check out the port for both PC and Poe cable.
- (3) The lights from third to last are strength signal. Basically, all lights on during the regular survey. Otherwise, you need pair network with the boat. You can check out more details in the FAQ on how to pair network bridge with boat.



Figure 2

2. Check out the IP address of PC:

Go to 'Ethernet'-'Properties'-'IPV4', the IP address setup like below picture.

IP address: 192.168.53.100 Subnet mask: 255.255.255.0 Default gateway: 192.168.53.1

🖗 以太网 Status 🛛 🗙	📱 以太网 Properties 🛛 🗙	Internet 协议版本 4 (TCP/IPv4) Properties >
General	Networking Sharing	General
Connection IPv4 Connectivity: No network access	Connect using: Intel(R) Ethernet Connection I219-V	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
IPv6 Connectivity: No network access Media State: Enabled Duration: 00:03:03	Configure This connection uses the following items:	Qbtain an IP address automatically O Use the following IP address:
Speed: 1.0 Gbps Details	✓ ✓	IP address: 192.168.53.100 Subnet mask: 255.255.255.0 Default gateway: 192.168.53.1
Activity — Sent Neceived	□ Microsoft IM路/直陆器/Mir使法器协议 ☑ Microsoft LLDP 协议驱动程序 ☑ Internet 协议版本 6 (TCP/IPv6) >	Obtain DNS server address automatically © Usg the following DNS server addresses:
Packets: 266 0	Install Uninstall Properties Description Createstill 2010.00.00.00.00.00.00.00.00.00.00.00.00.	Preferred DNS server:
Properties Diagnose	传潮近到砂火/Internet 砂火。这历以是默认的)现网络协议,用于在不同的相互连接的网络上通信。	Vajidate settings upon exit Ad <u>v</u> anced
Close	OK Cancel	OK Cancel

Figure 3

CHC Navigation

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