

# How to pair network bridge with boat Technical FAQ



### USV | Nov 2023

Make your work more efficient



#### Prerequisites:

Hardware:

- 1. Network bridge
- 2. PC
- 3. Apache boat

### Steps:

1. Change PC ip address setting to 192.168.1.x range:

anize   Disable this network device  Diagnose this conne	retion Rename this connection View status of this connection Change settings of this connection	 (
以太网 Properties X	Internet 协议版本 4 (TCP/IPv4) Properties X	
Networking Authentication Sharing	om General	
Connect using:	ade	
🕎 Realtek PCIe GbE Family Controller	tou can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator	
Configure	for the appropriate IP settings.	
This connection uses the following items:	O <u>Q</u> btain an IP address automatically	
✓ Wicrosoft 网络客户端 ^	Use the following IP address:	
☑ 望 Microsoft 网络的文件和打印机共享 ☑ □ Nacrosoft 网络的文件和打印机共享	IP address: 192 . 168 . 1 . 45	
☑ 望QoS 数据包计划程序	Subnet mask: 255 . 255 . 0	
	Default gateway: 192 . 168 . 1 . 1	
Internet 协议版本 4 (TCP/IPv4) I Microsoft 网络道戴器多路传压器协议	Obtain DNS server address automatically	
< >>	Use the following DNS server addresses:	
Install Uninstall Properties	Preferred DNS server:	
Description	Alberta to DNC convers	
传输控制协议/Internet 协议。该协议是默认的广域网络 协议,用于在不同的相互连接的网络上通信。		
10 CC 10 3 IT I I BUILTEISE S SHITTEIN	Validate settings upon exit	

Figure 1

2. Open browser, enter 192.168.1.20.

User Name: ubnt; Password: ubnt; Country:Licensed; Language:English

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air0S™	User Name: ubnt Password: ····
	Country: Licensed ~
	Language: English 🗸 🗸
TERMS OF USE	
installed shielded Ethernet cable product warranty. It is the insta including operation within lega	tio device must be professionally installed. Properl and earth grounding must be used as conditions of ller's responsibility to follow local country regulation I frequency channels, output power, and Dynami
installed shielded Ethernet cable product warranty. It is the insta including operation within lega Frequency Selection (DFS) req working according to these rules.	tio device must be professionally installed. Proper a and earth grounding must be used as conditions of ller's responsibility to follow local country regulation I frequency channels, output power, and Dynami uirements. You are responsible for keeping the un

Figure 2

3. Upload the config file in System page. Please ask the config file from Support engineer. Then the network bridge will restart.

_	Contraction of the	0.500000000000		Co Contraction					
Firmware	e Update								
	Firmware Versio	n: XW v6 2 0			Unload Firmware	法经文件	主法择任何文件		
	Build Numb	er: 33033			opicariannaro				
(	Check for Update	es: 🔽 Enable	Check No	w					
_			-						
Device				Date S	ettings				
	Device Nam	e: Rocket M	2		Time Zone	UTC/GMT	) Universal ' 🗸		
Ir	terface Languag	e: English		~	Startup Date	Enable			
					Startup Date				
System A	Accounts								
Adminis	strator User Nam	e: ubnt		9					
R	ead-Only Accou	nt: 🗌 Enable							
Miscella	neous			Locatio	on				
	Reset Button:	[?] 🔽 Enable			Latitude				
					Longitude				
									Change
Device N	laintenance			Config	uration Managem	ent			
			_				_		
	Reboot Devic	e: Reboot		Bac	k Up Configuration	Download.			
	Support In	fo: Download	t	Up	load Configuration	选择文件	ubnt_2.4G_Stat	ion.cfg	Upload
				Reset t	o Factory Defaults	Reset			

Figure 3

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### 4. Change PC ip to 192.168.53.x range.

nize  Disable this network device Diagnose this con	ection	Rename this connection View status of th	is connection Change settings of this connection	[
the properties	^	Internet 协议版本 4 (TCP/IPv4) Properties	×	
etworking Authentication Sharing	ShE Fa	Consul		
Connect using:	56210	General		
Realtek PCIe GbE Family Controller		You can get IP settings assigned automatically if	your network supports	
Configure		for the appropriate IP settings.		
This connection uses the following items:				
I I Microsoft 网络定白牌		Obtain an IP address automatically		
☑ 및 Microsoft 网络的文件和打印机共享		Use the following IP address:		
V Procep Packet Driver (NPCAP)		IP address: 192.10	58 . 53 . 45	
		Subnet mask: 255 . 25	55.255.0	
✓ Internet 协议版本 4 (TCP/IPv4)		Default gateway: 192 . 10	58.53.1	
□Microsoft 网络道武器多路传送器协议 ✓				
< >>		Obtain DNS server address automatically		
Install Uninstall Properties		• Use the following DNS server addresses:		
Description		Preferred DNS server: .		
传输控制协议/Internet 协议。该协议是默认的广域网络		Alternate DNS server: .		
协议,用于在不同的相互连接的网络上通信。				
		Validate settings upon exit		

Figure 4

5. Open browser and enter 192.168.53.19

User Name: admin; Password: Admin1234

6. In WIRELESS menu, select the APACHE wifi and save the setting.

Then the network bridge signal LED will start to blink.

Wireless Mode: WDS (Transparent Bridge Mode):	Station V	]	🔊 [Rocket M2] - Site Sur	vey - Google Chrome		_	_	_	-	
SSID:	ubnt	Select	▲ 不安全   https://1	92.168.53.19/survey.cgi?iface	e=ath0					
Lock to AP:			O DE AD 03:35:31:24	GNSS-3353124		802 110	NONE	-82/-96	2 437 / 6	
Country Code:	Licensed	Change	O 82:88:10:05:01:E9	GNSS-3999548		802.11n	NONE	-78 / -96	2.437/6	
IEEE 802.11 Mode:	B/G/N mixed		A8:E7:7D:00:2B:B7	GNSS-3395809		802.11g	NONE	-78 / -96	2.447/8	
Channel Width:[?]	20 MHz 🗸		O 82:83:10:05:05:E0	GNSS-9999676		802.11n	NONE	-84 / -96	2.447/8	
Frequency Scan List, MHz:	C Enable	2312,2317,2322	0 82:B3:10:05:05:EE	GNSS-9999678		802.11n	NONE	-85 / -96	2.452/9	
Antenna:	AMO-2G10 (2x2) - 10 ( V	1	F4:92:BF:B0:36:77	APACHE-2.4G-3367833	Rocket M2	802.11n	NONE	-58 / -96	2.462 / 11	1
Output Power:		28 dBn	54:D0:B4:0E:28:10	Four-Faith		802.11n	NONE	-82 / -97	2.467 / 12	2
Data Rate Module:	Default		54:D0:B4:19:2B:84	Four-Faith		802.11n	NONE	-68 / -96	2.472/13	3
Max TX Rate Mhns	MCS 15 - 130/144 4	Auto	54:D0:B4:16:9E:48	Four-Faith54226		802.11n	NONE	-78 / -96	2.472 / 13	3
inter in the second second			54:D0:B4:18:36:CC	Four-Faith		802.11n	NONE	-69 / -96	2.472 / 13	3
Wireless Security			O 82:6F:10:04:8D:71	GNSS-3697412		802.11n	NONE	-86 / -96	2.437/6	
			0 82:A7:10:04:FB:BF	GNSS-3999559		802.11n	NONE	-85 / -96	2.437/6	
Security:	none 🗸		78:04:73:B8:39:55	GNSS-9999608		802.11g	NONE	-82 / -96	2.452/9	
			64:69:4E:91:56:70	D270-9999123		802.11g	NONE	-88 / -96	2.452/9	
			Palastable PPID's must l	he visible and have compatible choose	as bondwidth and co	ourity pottin				

Figure 5

#### Tip:

1. If you want to reset the network bridge, please find some fine needle. Long press this button: If you want to reset the network bridge, please find some fine needle. Long press this button:

### 



Figure 6

2. All LED is on means the reset finished.



Figure 7

### **CHC** Navigation

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