

bond 6



Quick Start



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Product Overview



Key Features

- Bonding Network Router
- 5*USB port for TD-LTE standard Dongle
- Bonding up to 5 Dongle and 1 LAN together
- WAN external broadband bonding
- 2.4GHz+5.8GHz dual-band wifi
- wifi hotspot sharing
- Real-time status on LCD screen
- Optional built-in lithium battery with higher capacity
- 1/4 screw hole for rack mounting

Specification

USB 2.0	5×USB-A
LAN	1×RJ45
Power	1×DC jack
CPU	Quad-core Cortex-A7 CPU
RAM	512MB
ЕММС	8GB
WIFI	2.4G +5.8G
Bandwidth	60Mbps
Input Voltage	DC 12V/2A
Maximum Battery Capacity	15000mAh
Supported Battery	SN F550/750/960 FM50/70/90 QM91D; PAN
	VBD1/VBD2; JVC V607U/V617U
Temperature	-20~60℃
Humidity	0 ~ 65%
Dimension	135mm×91mm×32mm
	USB 2.0 LAN Power CPU RAM EMMC WIFI Bandwidth Input Voltage Maximum Battery Capacity Supported Battery Temperature Humidity Dimension



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Interface



No.	Item	Description
1	USB 2.0	Connect to wireless network card
2	LAN	OUT:connect to encoder,computer or other device
3	Power Switch	Press to turn on / off
4	Indicators	 :flashing red:bonding :flashing blue:WIFI data uploading/downloading :static green:plug in power
5	Power Jack	DC 12V/2A
6	LCD Screen	Showing network status



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Screen logo Instruction

Wating Server	Power on the device first, waiting bonding for 2~5 minutes.
watting server	IP address will be seen after successful bonding.
1	No.1 USB port: disconnect to network;
	Please check the SIM card installation and whether the SIM card runs out of
	credits.
1	No.1 USB port: connect to network;
	Signal value:0%~5%
1	No.1 USB port: connect to network;
ll I	Signal value:25%~50%
1	No.1 USB port: connect to network;
111	Signal value:50%~75%
1. J	No.1 USB port: connect to network;
- 111	Signal value:75%~100%
	No.1 USB port: connect to network but does not acquire signal value, which
	does not affect bonding.
	Ethernet port: connect to network via network cable and be bonding.
	Ethernet port: plug in network cable but does not connect to the network.
Li	Please check whether the cable connection is normal.
1	Upload date speed,2 seconds later than actual speed.
Ŧ	Download date speed,2 seconds later than actual speed.
Ē	Battery level (once optional battery installed)



How to Config



Step 1: Directly connect a laptop to the bond router via LAN cable. The bond router has a DHCP server and will provide an IP address to a connected laptop that is set for default (DHCP) network configuration.

Network Connection De	tails	×
Network Connection Detai	ls:	
Property	Value	
Connection-specific DNS		
Description	Realtek USB FE Family Controller	
Physical Address	00-E0-4C-77-00-69	
DHCP Enabled	No	
IPv4 Address	192.168.100.5	
IPv4 Subnet Mask	255.255.255.0	
IPv4 Default Gateway	192.168.100.1	
IPv4 DNS Server		
IPv4 WINS Server		

Step 2: Check network settings in the laptop to confirm IP address is in the same subnet as the bond router - 192.168.100.xxx.

ise enter your usemame an	d password.		
Username	root		
Password			

Step 3: Open a browser window and enter 192.168.100.1 in the address bar. This IP address is default, preset IP address of the bond router.

To login use the unique login details provided to you (User name and Password).

Step 4: Plug Dongles with SIM card inside to USB port and then directly connect TAO 1pro to the bond router via LAN cable as shown below.





Step 5: Press the power switch .

Step 6: Check network settings in the LCD screen shown as below to confirm the IP address of cloud server.



Step 7: Click 【Status】 to check the bonding status.



WIFI Connection





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After wifi connection, check the IP address of your laptop/phone and enter it in a browser window, and then settings can be done to the router. (the operation steps as the same with < How to Config>)

How to Change Password

Vireless Overview							
👳 radio0 🛛 🖸	Generic 802.11 acbgn Channet: 40 (5 200 GHz) Bitrate: 115.6 Mbit/s					Scan	Add
Jan Salar Sa	SSID: RGBLINK Mode: Master BSSID: F0.08:14.DC:8F.DC Encryption: WPA2 PSK (CCMP)					Edit	Remove
ssociated Stations					2.3		0.9
Network	MAC-Address	Host	Signal / Noise	RX Rate / TX Rate			
Master "GATHER" (wian0)	90.CC:DF:78.DD:63	192.168.100.103	🚄 -35 dBm	433.3 Mbit/s, 80 MHz, VF 115.6 Mbit/s, 20 MHz, VF	HT-MCS 9, VHT-NSS 1, HT-MCS 5, VHT-NSS 2	Short GI Short GI	Disconnect

Step 1:Navigate to the [Network] -- [Wireless] -- [Edit]

Interface Co	onfiguration	1	
General Setup	Wireless Sec	curity MAC-Filter Advance	anced Settings
	Encryption	WPA2-PSK (strong securi	unity) 🗸
	Cipher	auto	~
	Key		*
802.11r Fa	ast Transition		
		Enables fast roaming	rg among access points that belong to the same Mobility Domain
Enable key	reinstallation		
(KRACK) coun	itermeasures	Complicates key reins that are used to install of key negotiation espi	nstallation attacks on the client side by disabling retransmission of EAPOL-Key frames all keys. This workaround might cause interoperability issues and reduced robustness specially in environments with heavy traffic load.
			Diemies Saw

Step 2:Navigate to the [Interface Configuration] -- [Wireless Security], revise the key and then click [Save].

🛖 radio0	Generic 802.11 acbgn Channel: 40 (5.200 GHz) Bitrati	Restart	Scan	Add		
dBm	SSID: RGBLINK Mode: Master BSSID: F0:C8:14:DC:8F:DC End	Disable	Edit	Remove		
ssociated Stat	ions MAC-Address	Host	Signal / Noise	RX Rate / TX Rate		
			No information available			

Step 3: Click 【Save&Apply】, power off the bond 6 and restart again, the settings will make effect.



How to Apply

The bond router can work with TAO 1pro.

Connect TAO 1pro to the router via LAN port to stream to network platforms, such as YouTube, Twitter and so on. The wiring diagram as shown below:



Step 1: Plug a Dongle with SIM card inside to USB port.



Step 2: Directly connect TAO 1pro to the bond router via LAN cable.

Step 3: Press the power switch.

Step 4: Check network settings in the LCD screen to confirm IP address is in the same subnet as the bond router - 192.168.100.xxx.



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