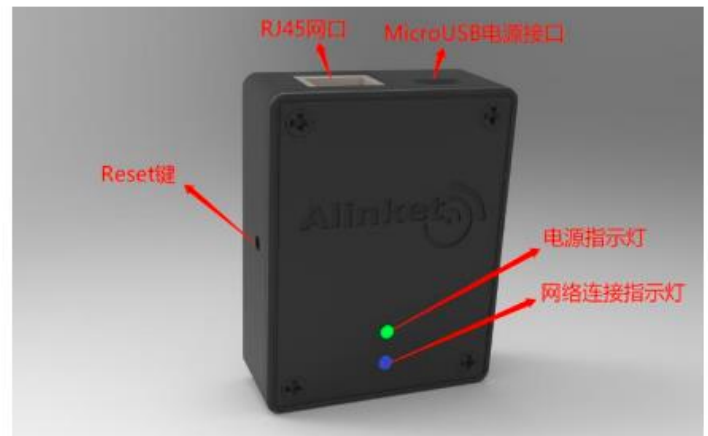# ALXB15 ——Ethernet ⬅➡Wi Fi Bridge

Alinket ALXB15 realizes the bridging function of Ethernet interface and Wi Fi. By using the self connected and independently developed flashlink software, the original Ethernet equipment can be wirelessly and quickly. Accelerate Internet of things innovation at the lowest cost.

65mm (L) * 50mm (W) * 21mm (H)

▮▮Product features

➢ Built in dual antennas for more stable connection

➢ Layer 2 Forwarding is simple and easy to use, and can be used immediately after distribution Plug and play

➢ The integration of arm cortex-m4 microcontroller and 1MB flash ensures the excellent performance and stability of the system

➢ Through the PC configuration tool software developed by Alinket, you can quickly configure AP information for the module

➢ Full coverage of 2.4G and 5.8G networks

➢ Two LED indicators directly reflect the working state of the equipment

Application area

➢ Medical treatment and health

➢ Industrial control and monitoring

➢ Environment and energy

➢ Smart office and smart home

➢ All terminal devices that need to wireless the network interface

Interface information

➢ Ethernet interface x1

➢ Micro USB power supply interface x1

➢ Two LED indicators

- ➢ A reset button

Description

WiFi controller	WiFi protocol support		EEE802.11 ac/a/b/g/n, 2.4GHz/5.8GHz
	Security and encryption type		Security：WEP_PSK、WPA/WPA2_PSK；encryption type：AES、TKIP
	MCU		ARM Cortex M4
	Flash		1MB
	Transmit power	2.4G	+22dBm (11b)、 +18.3dBm (11g)、 +17.6dBm (11n)
		5.8G	+16.6dBm (11a)、 +16dBm (11n)
	Receiving sensitivity	2.4G	-97dBm (11b)、-92dBm (11g)、-91dBm (11n)
		5.8G	-91dBm (11a)、-91dBm (11n)
power supply			Micro USB 5V-1A
Ethernet interface			10m / 100M adaptive
LED			2 LED : power supply and network connection indicator
Reset key			Clear the existing AP configuration information and restore the factory default settings
working temperature			-40°C ~ 85°C

Technical support

E-mail：sales@alinket.com

Telephone：+86 021-58651708

Address: building 45, Lane 676, Wuxing Road, Yuhe Silicon Valley, Pudong New Area, Shanghai

Website：www.alinket.com