

## ALXB16 Ethernet Wi-Fi Network Bridge

Alinket ALXB16 achieves a bridge function from Ethernet to Wi-Fi. Using with Alinket self-developed PC configuration tool software, you can make the original Ethernet device wireless easily and quickly, accelerating the device into the IoT network at a minimum cost.



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



Reset button / RJ45 network port / MicroUSB power port /  
Power indicator/network connection indicator

### ■ Features

- Dual antenna design makes connection more stable
- Two Layers forwarding is simple to use and can be used immediately after network configuration (plug-and-play)
- The integration of ARM Cortex-M4 micro-controller and 1MB flash ensures the excellent performance and stability of the system
- Through PC configuration tool software developed by Alinket, AP information can be quickly configured to the module
- 2.4G & 5.8G network full coverage
- Two LED indicators directly reflect the working status of the equipment

## ■ Application scenarios

- Medical and Health
- Industrial control and monitoring
- Environment and energy
- Smart office, smart home
- All terminal devices that need to make the network wireless

## ■ Interface Information

- Ethernet interface RJ45
- Micro USB power supply interface
- 2 LED indicators
- 1 Reset button

## ■ Description

Wi-Fi Controller	Wi-Fi Protocol Support		IEEE802.11 ax/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	+19.5dBm (11b) 、 +19.5~18dBm (11g) 、 +19.5~17.5dBm (11n)、 +19~15 dBm (11ax)
		5.8G	+17~16dBm (11a)、 +17~14.5dBm (11n) 、 +17~10dBm (11ac) 、 +17~9dBm (11ax)
	Receiving Sensitivity	2.4G	-98~-89dBm (11b)、 -95~-76dBm (11g)、 -93~-73dBm (11n) 、 -93~-61.5dBm (11ax)
		5.8G	-92~-73dBm (11a)、 -92~-67dBm (11n) 、 -92~-58dBm (11ac) 、 -90~-53dBm (11ax)
Power Supply			Micro USB 5V-1A
Ethernet Interface			RJ45/100M
LED			2 LED: power supply and network connection indicators
Reset button			Clear the existing AP configuration information and restore the factory settings
Working Temperature			-40℃ ~ 85℃

\*Note: Please contact your local sales office or distributors for more information.

## ■ Technical Support

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