

User Manual

Thanks for choosing eyeROBO product!

WB440 is Wi-Fi 4 and Bluetooth 4.0 Combo module, with USB3.0 (compatible with USB2.0) interface, plug and play module for Windows, MAC, Linux etc. popular operating system, it supports 802.11bgn and Bluetooth 4.0, up to 150Mbps connection speed.

System Requirements

- Linux, Mac OS X, or Microsoft Windows 7/8/10
- Web Browser: Google Chrome (Other browsers may have limited functionality)

Specifications

Part	Parameter	WB440
Bluetooth	Channel	0~78
	Frequency Band (MHz)	2402MHz~2480MHz
	Revision	4
	Transmission Distance (m)	10 meters farthest indoor;20 meters farthest outdoor. Varies with the environment
DC	Power Consumption (mA)	100~300
RF	Antenna Gain (dBi)	0
WiFi	Channel	1~13
	Frequency Band (MHz)	2412~2472MHz
	Modulation Method	DSSS with DBPSK/DQPSK/CCK for 802.11b; OFDM with BPSK/QPSK/16QAM/64QAM for 802.11g/n
	Rates (Mbps)	802.11b: 11 , 5.5 , 2 , 1Mbps;
		802.11g: 54,48,36,24,18,12,9,6Mbps
		802.11n: Up to 150Mbps
	Receiver Sensitivity (dBm)	11b(11Mbps) ≤ -78dBm@8%
		11g(54Mbps) ≤ -67dBm@10%
		11n-20M(mcs7) ≤ -66 dBm@10%
		11n-40M(mcs7) ≤ -63 dBm@10%
	Security	WPA/WPA-PSK, WPA2/WPA2-PSK
	Spread Spectrum	IEEE 802.11b: DSSS (Direct Sequence Spread Spectrum) IEEE802.11g/n:OFDM (Orthogonal Frequency Division Multiplexing)
	Standard	802.11bgn
WiFi/BT	Humidity Operating	5%~90%
	Humidity Storage	5%~95%
	Interface	USB2.0 / 3.0
	Operating System	Windows2000/XP/Vista/WIN7/WINCE/Linux/MAC OS

Safety Notices

1. Read, follow, and keep these instructions.
2. Heed all warnings.
3. Only use attachments/accessories specified by the manufacturer.



WARNING: To reduce the risk of fire or electric shock, do not expose this product to rain or moisture.



WARNING: Do not use this product in location that can be submerged by water.



WARNING: Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

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Electrical Safety Information

1. Compliance is required with respect to voltage, frequency, and current requirements indicated on the manufacturer's label. Connection to a different power source than those specified may result in improper operation, damage to the equipment or pose a fire hazard if the limitations are not followed.
2. There are no operator serviceable parts inside this equipment. Service should be provided only by a qualified service technician.

Limited Warranty

eyerobo.com/support/warranty

The limited warranty requires the use of arbitration to resolve disputes on an individual basis, and, where applicable, specify arbitration instead of jury trials or class actions.

Compliance

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF

exposure requirement. The device can be used in portable exposure condition without restriction

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- [CE Marking](#)
- CE marking on this product represents the product is in compliance with all directives that are applicable to it.



Note: This device meets Max. TX power limit per ETSI regulations.

- [WEEE Compliance Statement](#)
- [Declaration of Conformity](#)