



Datasheet  
WiFiman-Wizard

# WiFiman Wizard



## Mechanical

Dimensions	78.5 x 50.5 x 7.9 mm (3.1 x 2 x 0.3")
Weight	32 g (1.1 oz)
Enclosure material	Plastic
Weatherproofing	IP55

## Hardware

Management interface	Bluetooth	
Buttons	(1) Power (1) Factory-reset	
LED	White/blue	
Power method	Li-ion battery	
Power supply	Rechargeablr Li-ion battery, 4.2V, 300mAh	
Max. power consumption	60.48mW	
Supported voltage range	3 to 4.2VDC	
MIMO	2.4 GHz	1 x 1
	5 GHz	1 x 1
Antenna gain	2.4 GHz	3 dBi
	5 GHz	2.5 dBi
Operating temperature	0 to 40° C (32 to 104° F)	
Operating humidity	5 to 95% noncondensing	
Certifications	CE, FCC, IC	

## Supported Data Rates

802.11a	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11b	1, 2, 5.5, 11 Mbps
802.11g	6, 9, 12, 18, 24, 36, 48, 54 Mbps
802.11n (WiFi 4)	6.5 Mbps to 72.2 Mbps (MCS0 - MCS7, HT 20)
802.11ac (WiFi 5)	6.5 Mbps to 86.7 Mbps (MCS0 - MCS8 NSS1, VHT20)
802.11ax (WiFi 6)	7.3 Mbps to 103.2 Gbps (MCS0 - MCS8 NSS1, HE20)

## Compliance

### FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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 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.

This radio transmitter (FCC ID: SWX-SWX-WMW) has been approved by FCC

### ISED Canada

#### CAN ICES-3(B)/NMB-3(B)

This device complies with ISED Canada licence-exempt RSS standard(s).

Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This radio transmitter (IC: 6545A-SWX-WMW) has been approved by ISED Canada.

The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile

#### CAN ICES-3(B)/NMB-3(B)

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage;
2. l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Le présent émetteur radio (IC : 6545A-WMW) a été approuvé par ISDE Canada.

Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

### Radiation Exposure Statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

### Déclaration d'exposition aux radiations:

L'appareil a été évalué pour répondre aux exigences générales d'exposition aux radiofréquences.

L'appareil peut être utilisé en condition d'exposition portable sans restriction.