



## Magic PoE



## Mechanical

Dimensions	130 x 55 x 34 mm (5.1 x 2.2 x 1.3")
Weight	200 g (7.1 oz)
Enclosure material	Plastic
Mount material	Plastic

## Hardware

Management interface	WiFi						
Networking interface	(1) GbE RJ45 port (Data out)						
PoE interface	(1) PoE output						
Buttons	(1) Factory-reset						
LED	White						
Power method	AC input						
Max. power consumption	10W (Excluding PoE output)						
Max. PoE wattage per port	15.3W						
Supported voltage range	100 to 240VAC						
Max. TX power	<table> <tr> <td>2.4 GHz</td><td>23 dBm</td></tr> <tr> <td>5 GHz</td><td>21 dBm</td></tr> </table>	2.4 GHz	23 dBm	5 GHz	21 dBm		
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MIMO	<table> <tr> <td>2.4 GHz</td><td>2 x 2</td></tr> <tr> <td>5 GHz</td><td>2 x 2</td></tr> </table>	2.4 GHz	2 x 2	5 GHz	2 x 2		
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5 GHz	2 x 2						
Throughput rate	<table> <tr> <td>2.4 GHz</td><td>300 Mbps</td></tr> <tr> <td>5 GHz</td><td>866.7 Mbps</td></tr> </table>	2.4 GHz	300 Mbps	5 GHz	866.7 Mbps		
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Antenna gain	<table> <tr> <td>2.4 GHz</td><td>3.5 dBi</td></tr> <tr> <td>5 GHz</td><td>5 dBi</td></tr> <tr> <td>Bluetooth</td><td>-1 dBi</td></tr> </table>	2.4 GHz	3.5 dBi	5 GHz	5 dBi	Bluetooth	-1 dBi
2.4 GHz	3.5 dBi						
5 GHz	5 dBi						
Bluetooth	-1 dBi						
Operating temperature	-10 to 40° C (14 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 300 Mbps (MCS0 - MCS15 , HT 20/40)
802.11ac (WiFi 5)	6.5 Mbps to 866.7Gbps (MCS0 - MCS9 NSS1/2, VHT 20/40/80)



Specifications are subject to change. Ubiquiti products are sold with a limited warranty described at [www.ui.com/support/warranty](http://www.ui.com/support/warranty)

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# 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.

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 antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.

# SED 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.

## **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.

## **RF Exposure Warning**

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.

Les antennes utilisées pour ce transmetteur doivent être installées en considérant une distance de séparation de toute personne d'au moins 20 cm et ne doivent pas être localisées ou utilisées en conflit avec toute autre antenne ou transmetteur.