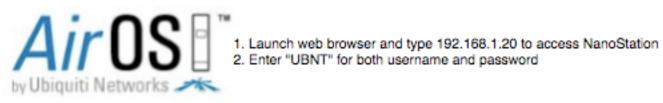


M2 OEM Users Guide





USER INSTRUCTIONS



TECH SPECS



COMPLIANCE INFORMATION

FCC

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

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to pro-vide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

The antennas used for this transmitter must be installed to provide a separation distance of at least 35cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.

INDUSTRY CANADA

This Class A digital apparatus complies with Canadian ICES-003. Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

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.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

The device has been designed to operate with the antennas listed below and having a maximum gain of 24dBi. Antennas not included in this list or having a gain greater than 24dBi are strictly prohibited for use with this device. The required antenna impedance is 50 ohms

6dBi Omni Antenna			
Carrier	Frequency	Measured Peak Output	
Channel	(MHz)	Power	
Channel		dBm	
Low	2412	25.67	
Mid	2437	25.22	
High	2462	24.77	

Table 26. Max Output Power – 6dBi Omni Antenna

16dBi Sector Antenna			
Carrier	Frequency	Measured Peak Output	
Channel	(MHz)	Power	
Chamie		dBm	
Low	2412	13.85	
Mid	2437	15.39	
High	2462	12.40	

Table 27. Max Output Power – 14dBi Sector Antenna

18dBi Panel Antenna			
Carrier	Frequency (MHz)	Measured Peak Output Power	
Channel		dBm	
Low	2412	9.96	
Mid	2437	15.12	
High	2462	10.14	

Table 28. Max Output Power – 18dBi Panel Antenna

25dBi Grid Antenna			
Carrier	Frequency	Measured Peak Output	
Channel	(MHz)	Power	
Chamilei		dBm	
Low	2412	8.48	
Mid	2437	11.17	
High	2462	7.20	

Table 29. Max Output Power (Port 1 only) – 25dBi Grid Antenna