



CWFB1XX-XXX

Specification

Revision 01

2012/06/06

Prepared By: Jeff Hsieh

Revision History

Revision	Date	Notes	Owner
01	2012/06/06	Initial Release	Jeff Hsieh

1. Wireless Spec.

WLAN: 1X1

Frequency Range:	802.11b/g/n HT20: 2412 – 2462MHz 802.11n HT40: 2422 – 2452MHz
Channel number:	802.11b/g/n HT20: 11 channels 802.11n HT40: 7 channels
Transmit Power:	802.11b: 20.68dBm 802.11g: 23.14dBm 802.11n HT20 : 22.60dBm 802.11n HT40 : 22.61dBm
Modulation Technology	11b/g: DSSS, OFDM 11n: OFDM
Modulation type:	CCK, DQPSK, DBPSK for DSSS 64QAM, 16QAM, QPSK, BPSK for OFDM
Transition Rate:	802.11 b: 1/2/5.5/11 Mbps 802.11 g: 6/9/12/18/24/36/48/54 Mbps 802.11 n HT20MHz: 6.5 – 65Mbps 802.11 n HT40MHz: 13.5 – 135Mbps

Federal Communications Commission (FCC) Statement

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment. 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 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 of the device.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The following statement must be included with all versions of this document supplied to an OEM or integrator, but should not be distributed to the end user. This device is intended for OEM integrators only. Please see the full Grant of Equipment document for other restrictions. This device must be operated and used with a locally approved access point.

End Product Labeling:

The final end product must be labeled in a visible area with the following:

“Contains FCC ID: **O7N-CWFB1XX-XXX**”.