

## Model Differences

Product Name: Xen 802.11bgn Access Point

Model Numbers: XAP-1030, XAP-1031, XAP-1032

IC: 8584A-XAP103X

FCC ID: W59XAP103X

The Models referenced above are access points that use the same metal enclosure and internal hardware. The XAP-1030 includes a 5dBi omni antenna for those installations where an omni antenna is appropriate for the type of required coverage. It is common for the broadband to enter the premise at an outside wall and/or the basement. The use of an omni antenna in these situations “wastes” most of the signal by radiating it towards the outside of the structure. The XAP-1031 and XAP-1032 are to be used to direct the signal towards the area of the structure where the users are. The XAP-1031 allows for a single directional antenna and the XAP-1032 allows for two directional antennas. The rationale for the two antennas with the XAP-1032 is that L or U shaped structures where the AP would be placed at the corner of the L or the bottom of the U. These installations would not be covered appropriately using a single antenna. The XAP-1032 allows the signal to be directed in two different directions. The XAP-1032 unit supports two antennas by incorporating a RF power splitter on the PCB, which feeds two on board connectors. All units have RPSMA connector(s) located on the back of the unit to which the antenna(s) connect.

All models utilize the exact same hardware. The exception being the addition of the two connectors and RF power splitter explained above when using the XAP-1032. Each model has a unique firmware version installed in the unit. The only firmware differences are the model number and default IP address that is hard coded into each model. This is done so that in larger structures, there may be one of each and the user would need to be able to determine which unit was being configured.