Model Differences

Product Name: Xen 802.11bgn Access Point

Model Numbers: XAP-1010, XAP-1020

IC: 8584A-XAP101020

FCC ID: W59XAP101020

The Models referenced above are access points that incorporate a directional antenna for placement in a home or business when the use of an omni antenna is not suitable. 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-1010 is intended for flush mounting in a standard plastic 2-gang electrical box. It includes a flush mount cover in order to keep the AP a visually unobtrusive as possible. The XAP-1020 is a wall mountable design that allows the AP to pointed in the direction where the users are. The internal directional antenna allows the signal to be sent where it will be utilized the most and not to locations where coverage is not intended.

Both models utilize the exact same hardware and they use the same calibration parameters and therefore exhibit the same RF characteristics. The differences between the models lie in the plastic enclosure and the firmware installed in each unit. The XAP 1010 ships with a standard plastic 2-gang remodel electrical box. The XAP-1020 is intended to be seen so it ships with a more suitable plastic enclosure for its intended installation. The XAP-1020 enclosure is visually appealing while not drawing excessive attention to it.

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.