



Wi-Fi MIMO Antennas for 802.11AC Modems/Access Points

802.11AC Panel Antennas

GNS Wireless is now carrying a Wi-Fi 6x MIMO Panel Antenna with six separate connection ports for optimum MIMO (multiple-input multiple-output) performance with Wi-Fi 802.11ac modems. The antenna provides coverage on both 2.4-2.5 and 4.9-6.0 GHz. This allows the antenna to operate on the 5 GHz band for 802.11ac, but also be backwards compatible for 802.11n and 802.11b/g modems.

The new 802-11ac networks are designed for high-density, high-capacity usage. To perform as they are intended to perform, the antennas need to match the capabilities of the modems and provide the same 6x MIMO coverage. The new panel antenna contains six separate antenna elements and uses quad-polarization: vertical, horizontal, slant -45° , and slant $+45^\circ$ for state-of-the-art MIMO technology.

The antenna offers 8dBi gain on the 2.4 GHz band and 10dBi gain on the 5 GHz band. These gain levels provide wireless coverage over a longer distance while still providing adequate beam width coverage for easy installation and alignment. Alignment is also aided by the swivel tilt mount that comes with the antenna. The antenna gets high marks for its efficiency with a minimum front-to-back ratio of 20 dB and an antenna isolation figure of greater than 20 dB. It is designed to handle up to 20 watts of power. Compact and attractive, this antenna will fit in well with any 802.11ac Wi-Fi MIMO installation.

Visit www.gnswireless.com to find out more about 802.11AC Wi-Fi solutions.