

The description for AWU511n

AWU511n is a Wireless network Adapter, which connects a PC or other wireless termination to a wireless AP. It works at 2.4GHz, and the distance it can transmit and receive signal through the air of up to 100M. Data and power supply are transmitted from a host, such as a PC , to this system via a 4 PIN connector .RT3070 is a highly integrated MAC/BBP and 2.4GHz RF single chip with 150Mbps PHY rate supported. It is to handle most of signal processing and system's control. That includes calibration, modulation and demodulation etc. TX signal is sent to a 2.4GHz amplifier then sent out to the Antenna (ANT); and RX signal comes from ANT directly to RT3070. This WLAN card also has some periphery circuits, that includes Serial EEPROM, 40MHz Crystal, TX Power compensation, etc. It's a complete solution for IEEE802.11b/g/n application.