

# RT211W wireless AP Working Theorem

RT211W wireless AP working theorem divided into two parts: wireless LAN and Ethernet. The frequency of wireless is 2.4GHz ISM (Industrial- Scientific-Medicine) , working frequency is 2.400GHz to 2.4835GHz and use Direct Sequence Spread Spectrum (DSSS) and orthogonal frequency division multiplexing (OFDM) technology to reduce interference of data transmission and receiving, and increase security of information transferring. The wireless AP combines with Ethernet port , the data code is passed to Ethernet communicating connect level which links Wireless LAN and Ethernet, to transmit and receive with wireless LAN and ethernet after SSID is confirmed through a protocol when data is received by wireless AP antenna.