

## **Operational Description**

This device is a Wireless IEEE 802.11g LAN adapter. 802.11g is the latest in the series of 802.11 specifications for wireless local area networks (WLANs) and provides data transfer of up to 54 Mbps. The maximum data rate could be up to 54Mbps which OFDM technique will be applied. If the signal to noise ratio is too poor which could not support 54Mbps, the 11Mbps data rate with CCK technique will be applied.