

## Operational Description

This device is an A8 802.11b/g AP BS AC, 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.

The transmitter of the EUT (A8 802.11b/g AP BS AC) is powered by Voltage/90-264 V AC, Power/58 W (RMS). The antennas type used in this product are as below.

No.	Model No.	Gain (dBi)	Cable Loss (dB)	Net Gain (dB)	Antenna Type	Antenna Connector
1-4	B8-R2-75mm	14.0	1.0	13.0	(H-Plane)Sector and	N-Female

**Note:**

1. Above antennas are outdoor Antennas.
2. Antenna 1, 2, 3 and 4 are the same type of antenna ( (H-Plane)Sector and ), we choose the worst antenna (decided by pretest) for final test. Antenna 1, the worst antenna, was selected as representative antenna for the test.

The other instruction, please have a look at the users manual.