



# Operational Description

This device is an IP Managed Services Home Gateway which operates in 2.4GHz band; the maximum data rate could be up to 150Mbps which OFDM technique. If the signal to noise ratio is too poor which could not support 150Mbps, the 11Mbps data rate with DSSS technique will be applied.

The transmitter of the EUT is powered by 12Vdc from the power adapter.

There are two antennas provided to this EUT, please refer the following table:

No.	Antenna Type	Antenna Connector	Antenna Gain (dBi)	Cable loss(dB)	Net Gain (dBi)	Cable Length (cm)	Frequency range (GHz)
1	PIFA	I-PEX	3	1	2	26	2.4~2.5
2	PIFA	I-PEX	3	1	2	21	2.4~2.5

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