

Operational Description

This device is a 802.11b/g/n Outdoor 2.4GHz Access Point with external antenna, which operates in 2.4GHz bands; the maximum data rate could be up to 300Mbps which OFDM technique. If the signal to noise ratio is too poor which could not support 300Mbps, the 11Mbps data rate with DSSS technique will be applied.

The transmitter of the EUT is powered by DC 24V from POE. The antennas provided to the EUT, please refer to the following table:.

Transmitter Circuit	Antenna Type	Connector Type	Antenna Gain(dBi) < excluding cable loss>	Inside EUT		Outside EUT		Frequency range (MHz to MHz)
				Cable Loss (dB)	Cable Length (mm)	Cable Loss (dB)	Cable Length (mm)	
Chain (0)	Dipole	RP-SMA	2.65	1	250	1.5	500	2400~2500
Chain (1)	Dipole	RP-SMA	2.65	1	250	1.5	500	2400~2500

※For 802.11b/g mode will fix transmission on Chain (0)

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