

Operational Description

This device is a 802.11ac Outdoor 5GHz Access Point with internal antenna, which operates in 5Hz bands; the maximum data rate could be up to 866.7Mbps which OFDM technique.

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

External antenna								
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	2.7	1.2	250	2.9	500	5150~5850
Chain (1)	Dipole	RP-SMA	2.7	1.2	250	2.9	500	5150~5850
Internal antenna								
Transmitter Circuit	Antenna Type	Connector Type	Antenna Gain(dBi)	Frequency range (MHz to MHz)				
Chain (0)	Patch Array	MMCX	8	5150~5850				
Chain (1)	Patch Array	MMCX	8	5150~5850				

※For 802.11a mode will fix transmission on Chain (0)

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