



APM CO., LTD.

APG-2402-P10/APG-2402-SM/APG-2402-NF

Features:

- High Speed Data Rates
- 802.11n 300 Mbps
- Open Source Compatible
- OpenWrt supported
- Hardware watchdog
- Ensure operating properly
- PoE Pass through software control-able
- Software control PoE pass through to ensure not to damage other device by mistake
- Built mini USB port
- With mini USB port could enrich function such as to add 4G USB modem, Web Camera, WiFi USB antenna etc.
- Support Channel-Width
- Support channel-width 5/10/20/40 MHz
- Weather-Proof design
- IP rated IP55
- ESD Protection
- Enhanced ESD protection on both LAN and RF



Specifications:

Chipset	QCA9531
Standard	IEEE 802.11 n/g/b
Frequency	2.4 GHz
Flash/SDRAM	16 MB/ 128 MB
Ethernet Speed	10/100 Mbps
Interface	2x LAN 1x Reset Button 1x mini USB 1x mini PCIe slot



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Channel Width	5 / 10/ 20 / 40 MHz
Data Rate	up to 300 Mbps
Power Requirement	12V - 24V Passive PoE adapter
Operating Temperature	-30°C~ 60°C
Storage Humidity	10 % ~ 90 % (Non-condensing)
Dimension(mm)	300 x 80 x 30 mm
Weight	0.4 kg

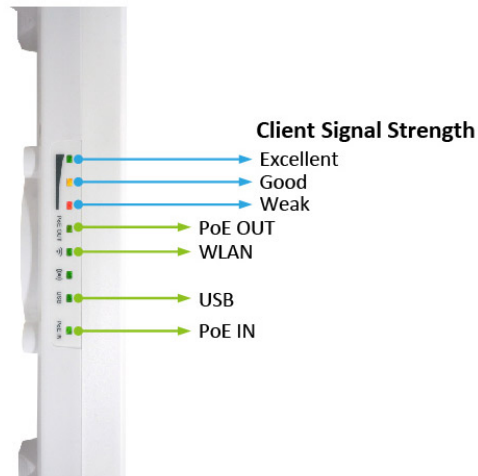
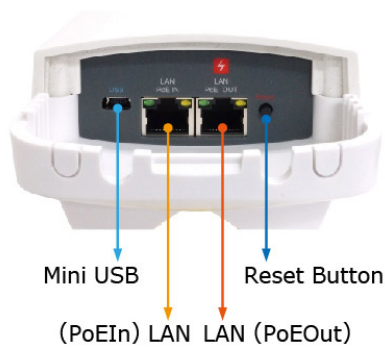
RF Specifications [Tolerance $\pm$ 2dB]

Data Rate	TX	RX
MCS15	23	-73
MCS14	24	-77
MCS13	26	-78
MCS12	28	-83
MCS11	29	-86
MCS10	29	-89
MCS9	29	-92
MCS8	29	-94
MCS7	23	-73
MCS6	24	-76
MCS5	26	-82
MCS4	28	-85
MCS3	29	-89



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MCS2	29	-91
MCS1	29	-94
MCS0	29	-95
11g 54M	25	-74
11b 1M	29	-96



Order Information	APG-2402-P10	APG-2402-SM	APG-2402-NF
Passive 24V PoE	●	●	●
PoE Pass through	●	●	●
Built-in MIMO Antenna	●		
N female connector x2			●
RP-SMA female connector x2		●	