

VAP8066A 2.4GHz CPE



Multiple Functions

VAP8066A is a high-reliable 2.4GHz CPE product with multiple functions. With the max transmission power of 23dbm, it provides directional 60° panel antenna at 10dBi. Perfect performance and small appearance make it an ideal solution for medium-and-short distance access. As the products' shell meets IP66 standard, that guarantees its normal work in bad environment.

Specifications

Standard	IEEE 802.11 b/g/n
Radio mode	MIMO 2x2
Radio frequency band	2.402 - 2.492 GHz (FCC 2.412 - 2.462 GHz)
Transmit power	Up to 23 dBm (country dependent)
Receive sensitivity	Varying between -91 and -65 dBm depending on modulation
Channel size	5,10, 20, 40 MHz
Modulation schemes	802.11 g/n: OFDM (64-QAM, 16-QAM, QPSK, BPSK) 802.11 b: DSS (CCK, DQPSK, DBPSK) 802.11 n: 300, 270, 240, 180, 120, 90, 60, 30 , 15Mbps
Data rate	802.11 n: 300, 270, 240, 180, 120, 90, 60, 30 , 15Mbps 802.11 g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11 b: 11, 5.5, 2, 1 Mbps
Duplexing scheme	Time division duplex
Antenna type	Integrated directional panel antenna
Gain	10dBi
Wired interface	1 ↑ 10/100Base-T RJ45
Dimension (L*D*H)	170mm*137mm*55mm
Weight	300g
Power supply	24V DC passive PoE (24 V passive PoE adapter is included in the package)

Voltage	100 – 240 VAC
Power consumption (max)	12W
Operating temperature	-40°C (-40 F) ~ +65°C (+149 F)
Humidity	0 ~ 90 %, non-condensing

Output Power	802.11g		6-24Mbps	23± 2dBm	
			36-48Mbps	20 ± 2dBm	
			54Mbps	20± 2dBm	
	802.11n	HT20		MCS 0-3	23± 2dBm
				MCS 4	20 ± 2dBm
				MCS 5	20 ± 2dBm
				MCS 6	20 ± 2dBm
				MCS 7	20 ± 2dBm
		HT40		MCS 0-3	23 ± 2dBm
				MCS 4	20± 2dBm
				MCS 5	20± 2dBm
				MCS 6	20 ± 2dBm
				MCS 7	20± 2dBm
Receiving sensitivity	802.11g		6Mbps	≤-91dBm	
			54Mbps	≤-73dBm	
	802.11n	HT 20		MCS 0	≤-90dBm
				MCS 7	≤-68dBm
		HT40		MCS 0	≤-87dBm
				MCS 7	≤-65dBm

Software

Wireless outdoor mode	Outdoor CPE
Wireless techniques	Smart station polling, AP+WDS, WDS.
Wireless security	WPA/WPA2 personal, WPA/WPA2 enterprise, WACL, user isolation
Network techniques	NAT, VLAN
WAN protocols	IP, DHCP, PPPoE
Services	DHCP server, SNMP server, NTP client, router monitor
Management	HTTP(S) GUI, SSH, SNMP, Telnet