

APE-5005-P10 series 802.11an Outdoor AP/CPE



Features

- **High Speed Data Rates**
802.11an 300Mbps
- **Open Source Compatible**
OpenWrt/LEDE supported
- **Hardware watchdog**
Ensure operating properly
- **Weather-Proof design**
IP rated IP55
- **ESD Protection**
Enhanced ESD protection on both LAN and RF

Operation Mode

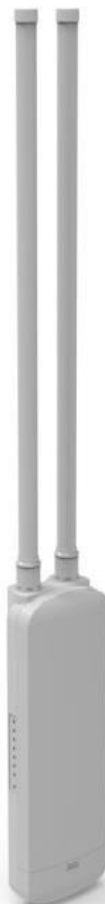
- AP Bridge
- Client Bridge
- WDS Bridge

Suitable Applications



Model: APE-5005-P10

Built-in directional 10 dBi antenna



Model: AAP-5005-NF

External N female antenna connector

Model: AAP-5005-SFR

External RP-SMA female antenna connector

NOT Include Antenna

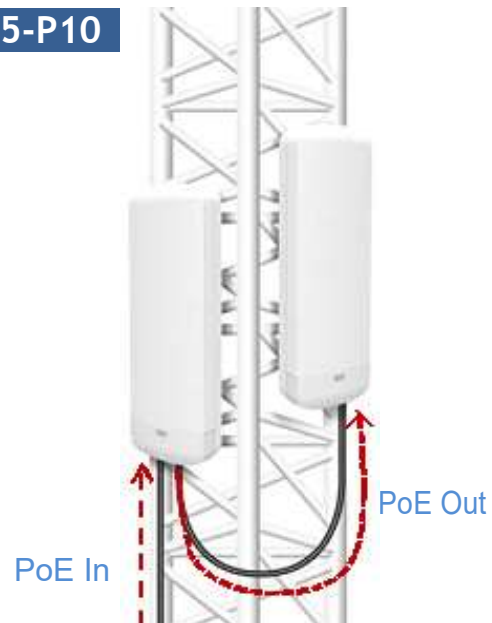
Order Information	APE-5005-P10	AAP-5005-SFR	AAP-5005-NF
Passive 24V PoE	•	•	•
PoE Pass through	•	•	•
Built-in Antenna	•		
N female connector			•
RP-SMA female connector		•	

PoE Out to power on another APE-5005-P10

No need extra Ethernet cable to power another APE-5005-P10, just use another LAN port to pass though 24V Passive PoE to another APE-5005-P10

* Note: Maximum are 2 devices powered by master APE-5005-P10

DO NOT connect PoE out LAN to your Laptop or Computer LAN port



Suggest related Product: DDC-2412

DDC-2412 works with APE-5005-P10 to power on 12VDC Outdoor IP camera model, no need extra power cable



DO NOT connect PoE out LAN to your Laptop or Computer LAN port

Specifications

Chipset	AR9344	Operation Temperature	-30°C ~ 60°C
Standard	IEEE 802.11an	Storage Humidity	10%~90% (Non-condensing)
Frequency	5.15GHz ~5.825GHz	Dimension(mm)	300 x 80 x 30 mm
Flash/SDRAM	16/ 64 MB	Weight	0.4kg
Antenna	Build-in 10dBi directional antenna	Software features	
Channel Width	20/ 40 MHz * Will support 5/10 MHz in the future*	Mode	AP Bridge Client Bridge WDS Bridge
Data Rate	802.11a: up to 54Mbps 802.11an: up to 300Mbps	Security	WEP WPA/WAP2-PSK WPA/WPA2-Enterprise 802.1x
LED Indicated	Signal, WAN, LAN, WLAN		

RF Specifications [Tolerance ±2dB]

Data Rate	TX	RX
11an HT20/40 MCS7	22/22	-70/-67
11an HT20/40 MCS6	22/22	-71/-68
11an HT20/40 MCS5	24/24	-73/-70
11an HT20/40 MCS4	24/24	-78/-75
11an HT20/40 MCS3	26/26	-81/-78
11an HT20/40 MCS2	26/26	-86/-83
11an HT20/40 MCS1	26/26	-88/-85
11an HT20/40 MCS0	28/27	-91/-88
11a 54M	23	-73
11a 48M	24	-74
11a 36M	26	-79
11a 24M	28	-83
11a 18M	28	-86
11a 12M	28	-89
11a 9M	28	-90
11a 6M	28	-92