

AP-175 CONFIGURATION GUIDE

1. Select AP-175 model

Pick one from the following:

Part number	Description	Configuration impact
AP-175P	POE powered version	Requires POE power
AP-175AC	AC powered version	Ships without AC power cable
AP-175DC	DC powered version	Ships without DC power cable

Note: the AP-175 has 2 N-type female connectors per radio (4 total).

Note: the AP-175 ships with a mounting kit and sun shield, as well as weather proof mating connectors for the Ethernet interface.

2. Add outdoor power cable for AC and DC units

For the AC powered AP-175AC:

Part number	Description
CBL-AC-NA	Weatherproof AC power cable (5m), North America version
CBL-AC-INTL	Weatherproof AC power cable (5m), International (EU) version
CKIT-AC-M	Weatherproof connector kit for AC power interface

For the DC powered AP-175DC:

Part number	Description
CBL-DC-WW	Weatherproof DC power cable (5m)
CKIT-DC-M	Weatherproof connector kit for DC power interface

3. Add POE powering accessories (optional)

Part number	Description
PD-9001GR-AC	POE midspan injector, 10/100/1000 802.3at single port
PD-9001GO-NA	1 Port 802.3at PoE Midspan 10/100/1000 30W Outdoor; NA power cord
PD-9001GO-INTL	1 Port 802.3at PoE Midspan 10/100/1000 30W Outdoor; EU/International power cord

Add mounting kit for outdoor POE midspan injector (optional):

Part number	Description
PD-MOUNT-OD	Pole / Mast mount kit for outdoor POE midspan injectors

Select 3-prong AC power cord for indoor POE injector:

Part number	Description
PC-AC-ARG	Argentina version
PC-AC-AUS	Australia version
PC-AC-BR	Brazil version
PC-AC-CHN	China version
PC-AC-DEN	Denmark version
PC-AC-EC	Continental Europe version
PC-AC-IN	India version
PC-AC-IL	Israel version
PC-AC-IT	Italy version
PC-AC-JPN	Japan version
PC-AC-KOR	Korea version
PC-AC-NA	North America version
PC-AC-SWI	Switzerland version
PC-AC-UK	United Kingdom version
PC-AC-ZA	South Africa version

4. Add basic accessories (optional)

Part number	Description
AINS2KKIT-00	Kit with basic set of outdoor installation materials (rolls of tape, tie wraps)
ACONGESTD-00	USB console cable – spare
CKIT-RJ45-P	Weatherproof connector assembly kit for (plastic) RJ45 interface (AP-175P) - spare
CKIT-RJ45-M	Weatherproof connector assembly kit for (metal) RJ45 interface (AP-175AC, AP-175DC) - spare
CBL-USB-P	Weatherproof cable (5m) for (plastic) USB interface (AP-175P)
CBL-USB-M	Weatherproof cable (5m) for (metal) USB interface (AP-175AC, AP-175DC)

5. Select antennas for radio 0 (5GHz; if used)

Select from table below:

Part number	Qty	Interface(s)	Mounting
AP-ANT-90	1	2x N-type male pigtails	Direct, using pigtails
ANT-2x2-5005	1	2x N-type female connectors	Direct-mount or extension cable (2x)
ANT-2x2-5010	1	2x N-type female connectors	Direct-mount or extension cable (2x)
ANT-2x2-D607	1	2x N-type male pigtails	Direct, using pigtails
ANT-2x2-D805	1	2x N-type male pigtails	Direct, using pigtails
ANT-2x2-5314	1	2x N-type female connectors	Connection cable (2x)
ANT-2x2-5614U	1	2x N-type female connectors	Connection cable (2x)
ANT-2x2-5614L	1	2x N-type female connectors	Connection cable (2x)

6. Select antennas for radio 1 (2.4GHz; if used)

Select from table below:

Part number	Qty	Interface(s)	Mounting
AP-ANT-90	1	2x N-type male pigtails	Direct, using pigtails
ANT-2x2-2005	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-D607	1	2x N-type male pigtails	Direct, using pigtails
ANT-2x2-D805	1	2x N-type male pigtails	Direct, using pigtails
ANT-2x2-2314	1	2x N-type female connectors	Connection Cable (2x)
ANT-2x2-2714	1	2x N-type female connectors	Connection cable (2x)

7. Add antenna mount kit (optional)

Compatible with AP-ANT-17, AP-ANT-18, ANT-2x2-D607 and ANT-2x2-D805

Part number	Description
AP-ANT-MNT-1	Azimuth and Elevation adjustable Mount Kit for pole or wall mounting

8. Add RF connection and extension cables (if needed)

Select from following outdoor RF cables (optional, depending on antenna model and mounting method):

Part number	Description	Compatible antennas
AFC7DL01-00	Connection; N-type male connectors, 1m	Antennas with N Type female connectors Flexible assemblies
ANT-CBL-1	Connection; N-type male connectors, 1 m, flexible	
AFC7DL02-00	Connection; N-type male connectors, 2m	

ANT-CBL-2	Connection; N-type male connectors, 2 m, flexible	recommended for most installs
AFC7DL03-00	Connection; N-type male connectors, 3m	
AFC7DL04-00	Connection; N-type male connectors, 4m	
AP-CBL-1	Extension; N-type male to N-type female connectors, 10 ft	Pigtail or direct connect antennas

Note: Aruba has partnered with Anoisn <http://www.anoison.com/> to provide other cable lengths/connectors if required.

9. Add lightning surge arrestors

Normally two (2) AP-LAR-24 and two (2) AP-LAR-1.

Part number	Description
AP-LAR-1	N-type male to N-type female in-line lightning surge arrestor (2GHz-6GHz)
AP-LAR-24	N-type male to N-type female in-line lightning surge arrestor (2.4GHz-2.5GHz). Recommended for all radio configured for 2.4 GHz operation