

**AP-175 802.11n ACCESS POINT
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 with AC power cable
AP-175DC	DC powered version	Ships with 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 and power interfaces.

2. Add POE powering accessories (optional)

Part Number	Description
PD-9001G-AC	POE midspan injector, 10/100/1000 802.3at single port

Select 3-prong AC power cord for 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-IS	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

3. 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
AETHGEL05-00	Shielded Ethernet cable

4. 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 pigtailed	Direct, using pigtailed
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 pigtailed	Direct, using pigtailed
ANT-2x2-D805	1	2x N-type male pigtailed	Direct, using pigtailed
ANT-2x2-5614	1	2x N-type female connectors	Connection cable (2x)

5. 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 pigtailed	Direct, using pigtailed
ANT-2x2-2005	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-D607	1	2x N-type male pigtailed	Direct, using pigtailed
ANT-2x2-D805	1	2x N-type male pigtailed	Direct, using pigtailed
ANT-2x2-2714	1	2x N-type female connectors	Connection cable (2x)

6. Add antenna mount kit (optional)

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

7. 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
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AFC7DL01-00	Connection; N-type male connectors, 1m	ANT-2x2-2714 and ANT-2x2-5614 (required)
AFC7DL02-00	Connection; N-type male connectors, 2m	
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, 10ft	All (optional)

8. Add lightning surge arrestors

Use 2 (single radio used) or 4 (both radios used).

Part Number	Description
AP-LAR-1	N-type male to N-type female in-line lightning surge arrestor (2GHz-6GHz)

9. Other optional accessories

Not typically needed or recommended

Part Number	Description
ASPL22IN-00	2.4GHz 2-way splitter; N-type female connectors
ASPL23IN-00	2.4GHz 3-way splitter; N-type female connectors
ASPL52IN-00	5GHz 2-way splitter; N-type female connectors
ASPL53IN-00	5GHz 3-way splitter; N-type female connectors



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