

ORDERING GUIDE

ARUBA MSR4000

1. SELECT MSR4000 MODEL AND COUNTRY VARIANT

Part Number	Description	Configuration impact
Pick one from the following:		
MSR4KP	PoE powered, Rest of World, New bootloader, Recommended for new networks.	Requires PoE power
MSR4KP-US	PoE powered, Country locked to US, New bootloader, Recommended for new networks.	Requires PoE power
MSR4KP-JP	PoE powered, Country locked to JP, New bootloader, Recommended for new networks.	Requires PoE power

Note: the MSR4000 has 2 N-type female connectors per radio (8 total).

Note: the MSR4000 ships with a mounting kit and sun shield, as well as weather proof mating connectors for the Ethernet interface.

2. ADD POE POWERING ACCESSORIES (OPTIONAL)

Part Number	Description
PD-9501G-AC	PoE midspan injector, 10/100/1000 "dual 802.3at" single port
Part Number	Description
Select 3-prong AC power cord for injector:	
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

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 – spare
CKIT-RJ45-P	Weatherproof connector assembly kit for (plastic) RJ45 interface (POE models) – spare
CBL-USB-P	Weatherproof cable (5m) for (plastic) USB interface (POE models)

4. SELECT ANTENNAS FOR RADIO 0

Part Number	Quantity	Interface(s)	Mounting
Select from table below:			
ANT-2x2-2005	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-5005	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-5010	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-2314	1	2x N-type female connectors	Connection cable (2x)
ANT-2x2-2714	1	2x N-type female connectors	Connection cable (2x)
ANT-2x2-5314	1	2x N-type female connectors	Connection cable (2x)
ANT-3x3-5712	1	3x N-type female connectors	Connection cable (2x)
ANT-3x3-D608	1	3x N-type female connectors	Connection cable (2x)
ANT-3x3-D100	1	3x N-type female connectors	Connection cable (2x)

*3x3 antennas ship with a cap on the 3rd port to protect threads.

5. SELECT ANTENNAS FOR RADIO 1 (IF USED)

Part Number	Quantity	Interface(s)	Mounting
Select from table below:			
ANT-2x2-2005	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-5005	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-5010	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-2314	1	2x N-type female connectors	Connection Cable (2x)
ANT-2x2-2714	1	2x N-type female connectors	Connection cable (2x)
ANT-2x2-5314	1	2x N-type female connectors	Connection cable (2x)
ANT-3x3-5712	1	3x N-type female connectors	Connection cable (2x)
ANT-3x3-D608	1	3x N-type female connectors	Connection cable (2x)
ANT-3x3-D100	1	3x N-type female connectors	Connection cable (2x)

*3x3 antennas ship with a cap on the 3rd port to protect threads.

6. SELECT ANTENNAS FOR RADIO 2 (IF USED)

Part Number	Quantity	Interface(s)	Mounting
Select from table below:			
ANT-2x2-2005	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-5005	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-5010	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-2314	1	2x N-type female connectors	Connection Cable (2x)
ANT-2x2-2714	1	2x N-type female connectors	Connection cable (2x)
ANT-2x2-5314	1	2x N-type female connectors	Connection cable (2x)
ANT-3x3-5712	1	3x N-type female connectors	Connection cable (2x)
ANT-3x3-D608	1	3x N-type female connectors	Connection cable (2x)
ANT-3x3-D100	1	3x N-type female connectors	Connection cable (2x)

*3x3 antennas ship with a cap on the 3rd port to protect threads.

7. SELECT ANTENNAS FOR RADIO 3 (IF USED)

Part Number	Quantity	Interface(s)	Mounting
Select from table below:			
ANT-2x2-2005	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-5005	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-5010	1	2x N-type male connectors	Direct-mount or extension cable (2x)
ANT-2x2-2314	1	2x N-type female connectors	Connection Cable (2x)
ANT-2x2-2714	1	2x N-type female connectors	Connection cable (2x)
ANT-2x2-5314	1	2x N-type female connectors	Connection cable (2x)
ANT-3x3-5712	1	3x N-type female connectors	Connection cable (2x)
ANT-3x3-D608	1	3x N-type female connectors	Connection cable (2x)
ANT-3x3-D100	1	3x N-type female connectors	Connection cable (2x)

*3x3 antennas ship with a cap on the 3rd port to protect threads.

8. ADD RF CONNECTION AND EXTENSION CABLES (IF NEEDED)

Part Number	Description	Compatible antennas
Select from following outdoor RF cables (optional, depending on antenna model and mounting method):		
ANT-CBL-1	Connection; N-type male connectors, 1m, flexible	Antennas with N Type female connectors Flexible assemblies recommended for most installs
ANT-CBL-2	Connection; N-type male connectors, 2m, flexible	
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 (3 m)	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

Part Number	Description
Normally two (2) AP-LAR-24 and six (6) AP-LAR-1 assuming 1 radio configured for 2.4 GHz and other 3 radios configured for 4.9 or 5 GHz operation.	
AP-LAR-1	N-type male to N-type female in-line lightning surge arrestor (2 GHz-6 GHz)
AP-LAR-24	N-type male to N-type female in-line lightning surge arrestor (2.4 GHz-2.5 GHz). Recommended for all radios configured for 2.4 GHz operation