ARUBA MSR2000

1. SELECT MSR2000 MODEL AND COUNTRY VARIANT

Part Number	Description	Configuration impact
Pick one from the following:		
MSR2KP	PoE powered, Rest of World, New bootloader, Recommended for new networks.	Requires PoE power
MSR2KP-US	PoE powered, Country locked to US, New bootloader, Recommended for new networks.	Requires PoE power
MSR2KP-JP	PoE powered, Country locked to JP, New bootloader, Recommended for new networks.	Requires PoE power
MSR2KP-IL	PoE powered, Country locked to IL New bootloader, Recommended for new networks.	Requires PoE power
MSR2KP-CN	PoE powered, Country locked to CN New bootloader, Recommended for new networks.	Requires PoE power
MSR2KAC	AC powered, Rest of World, New bootloader, Recommended for new networks.	Ships without AC power cable
MSR2KAC-US	AC powered, Country locked to US, New bootloader, Recommended for new networks.	Ships without AC power cable
MSR2KAC-JP	AC powered, Country locked to JP, New bootloader, Recommended for new networks.	Ships without AC power cable
MSR2KAC-CN	AC powered, Country locked to CN, New bootloader, Recommended for new networks.	Ships without AC power cable

Note: the MSR2000 has 2 N-type female connectors per radio (4 total).
Note: the MSR2000 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 POWERED VARIANTS

Part Number	Description
For the AC powered MSR2KAC:	
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

3. ADD POE POWERING ACCESSORIES (OPTIONAL)

Part Number	Description
PD-9001G-AC	PoE midspan injector, 10/100/1000 802.3at single port
PD-9001GO-DC	1 Port 802.3at PoE Midspan Injector,12-24VDCin,10/100/1000 30W Outdoor, Surge Protected, Does not ship with DC cable
PD-9001GO-NA	1 Port 802.3at PoE Midspan 10/100/1000 30W Outdoor; Surge Protected, NA power cord
PD-9001GO-INTL	1 Port 802.3at PoE Midspan 10/100/1000 30W Outdoor; Surge Protected, EU/International power cord

3. ADD POE POWERING ACCESSORIES (OPTIONAL)

Part Number	Description
Add mounting kit for outdoor PoE midspan injector (optional):	
PD-MOUNT-OD	Pole/Mast mount kit for outdoor PoE midspan injectors
Select 3-prong AC power cord for indoor PoE 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

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 (PoE models) – spare
CKIT-RJ45-M	Weatherproof connector assembly kit for (metal) RJ45 interface (AC, DC models) – spare
CBL-USB-P	Weatherproof cable (5m) for (plastic) USB interface (PoE models)
CBL-USB-M	Weatherproof cable (5m) for (metal) USB interface (AC, DC models)
ANT-2x2-STAGE	Set of 2 dual band staging antennas

5. SELECT ANTENNAS FOR RADIO 0

Part Number	Quantity	Interface(s)	Mounting
Select from table below:			
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-2x2-5005	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-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)
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-D905	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 1 (IF USED)

Part Number	Quantity	Interface(s)	Mounting
Select from table below:			
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-2x2-5005	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-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)
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-D905	1	3x N-type female connectors	Connection cable (2x)

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

7. ADD ANTENNA MOUNT KIT (OPTIONAL)

Part Number	Description
Compatible with AP-ANT-17, AP-ANT-18, ANT-2x2-D607 and ANT-2x2-D805	
AP-ANT-MNT-1	Azimuth and Elevation adjustable Mount Kit for pole or wall mounting

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 Anoison 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 two (2) AP-LAR-1.	
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

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