MSR2000
CONFIGURATION GUIDE

1. Select MSR2000 model and country variant

Pick one from the following:

Part Number	Description	Configuration impact
MSR2K23N0	POE powered, International version	Requires POE power
MSR2K23N0-US	POE powered, Country selection locked to US	Requires POE power
MSR2K23N0-JP	POE powered, Country selection locked to JP	Requires POE power
MSR2K23N0-IL	POE powered, Country selection locked to IL	Requires POE power
MSR2K23N0-CN	POE powered, China version	Requires POE power
MSR2K23N1	AC powered, International version	Ships with AC power cable
MSR2K23N1-US	AC powered, Country selection locked to US	Ships with AC power cable
MSR2K23N1-JP	AC powered, Country selection locked to JP	Ships with AC power cable
MSR2K23N1-IL	AC powered, Country selection locked to IL	Ships with AC power cable
MSR2K23N2	DC powered, International version	Ships with DC power cable
MSR2K23N2-US	DC powered, Country selection locked to US	Ships with DC power cable
MSR2K23N2-JP	DC powered, Country selection locked to JP	Ships with DC power cable
MSR2K23N2-IL	DC powered, Country selection locked to IL	Ships with DC 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 and power interfaces.

2. Add POE powering accessories (optional)

Select one of the following:

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

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-2x2-5005	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-2x2-2714	1	2x N-type female connectors	Connection cable (2x)
ANT-2x2-5614	1	2x N-type female connectors	Connection cable (2x)

5. Add antennas for radio 1 (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-2x2-5005	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-2x2-2714	1	2x N-type female connectors	Connection cable (2x)
ANT-2x2-5614	1	2x N-type female connectors	Connection cable (2x)

6. **Add RF adapters (when using outdoor antennas)**

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

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
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