PRODUCT LINE MATRIX

MESH ROUTER

ARUBA AIRMESH					
		MSR4000		**MSR2000**	**MST200**
APPLICATIONS	**DESCRIPTION**	The MSR4000 is a high performance 802.11N enabled mesh router delivering performance similar to wireline at up to 300 Mbps per radio. The MSR4000 features four 2x2 MIMO dual-band 2.4/5 GHz radios. The MSR4000 is built to provide years of trouble-free operation in a variety of applications. The MSR4000 leverages Aruba's Adaptive Wireless Routing™ (AWR™) technology, which automatically optimizes traffic routes between multiple wireless mesh routers.		The MSR2000 is a high performance 802.11N enabled mesh router delivering performance similar to wireline at up to 300 Mbps per radio. The MSR2000 features two 2x2 MIMO dual-band 2.4/5 GHz radios. The MSR2000 is built to provide years of trouble-free operation in a variety of applications. The MSR2000 leverages Aruba's Adaptive Wireless Routing™ (AWR™) technology, which automatically optimizes traffic routes between multiple wireless mesh routers.	The MST200 is a high performance 802.11N enabled mesh router delivering performance similar to wireline at up to 300 Mbps per radio. The MST200 features a single 5-GHz 2x2 MIMO radio with a built in antenna. The MST200 is built to provide years of trouble-free operation in a variety of applications. The MST200 leverages Aruba's Adaptive Wireless Routing™ (AWR™) technology, which automatically optimizes traffic routes between multiple wireless mesh routers.
	WIFI ACCESS	✔		✔	✔
	MESH	✔		✔	✔
	POINT-TO-POINT	✔		✔	✔
	POINT-TO-MULTIPOINT	✔		✔	✔
	PORTAL	✔		✔	✔
NUMBER OF RADIOS		Quad Radio		Dual Radio	Single Radio
OPERATING FREQUENCIES		2.4, 5, 4.9GHz		2.4, 5, 4.9GHz	5 GHz
DFS SUPPORT		✔ (EU and Japan)		✔ (EU and Japan)	✔ (EU and Japan)
RF MANAGEMENT		RF interference detection and avoidance			
ANTENNAS		Eight N-type female arranged in four pairs to support 802.11N 2x2 MIMO operation		Four N-type female arranged in two pairs to support 802.11N 2x2 MIMO operation	Integrated directional antenna providing 802.11N 2x2 MIMO operation over a 60° sector

ARUBA AIRMESH			
	MSR4000	**MSR2000**	**MST200**
NETWORK INTERFACES	1x100/1000BASE-T Ethernet (RJ-45), Auto-sensing link speed and MDI/MDX	1x100/1000BASE-T Ethernet (RJ-45), Auto-sensing link speed and MDI/MDX	1x100/1000BASE-T Ethernet (RJ-45), Auto-sensing link speed and MDI/MDX
OTHER INTERFACES	USB console interface	USB console interface	USB console interface
POWER OVER ETHERNET (POE)	48 Volt, 4 Pair 803.3at (60W)	48 Volt, standard 803.3at	48 Volt, standard 803.3af
AC POWER INTERFACE	Not supported	Not supported	100~240 VAC 50/60 Hz
DC POWER INTERFACES	Not Supported	Not Supported	Not Supported
POWER CONSUMPTION	36 watts (maximum)	15 watts (maximum)	12.5 watts (maximum)
ENVIRONMENTAL	**OPERATING TEMPERATURE**	-30° C to +60° C (-22° F to +140° F) PoE	-30° C to +60°C (-22° F to +140° F) PoE	-40 to +60°C (-40 to +140°F) AC -30° C to +60°C (-22° F to +140° F) PoE
PRODUCT WARRANTY	1 year parts and labor	1 year parts and labor	1 year parts and labor

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