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Specification

Mimosa A5c

Max Throughput:	Up to 1.0 Gbps IP (1.7 Gbps PHY)
Client Capacity	100 clients
Wireless Protocols	WiFi Interop, Mimosa GPS Sync (TDMA)
MIMO & Modulation	4x4:4 MIMO OFDM up to 256-QAM
Bandwidth	20/40/80 MHz channels tunable in 5 MHz increments for GPS Sync; tunable to standard WiFi channels for WiFi Interop
Frequency Range	GPS Sync: 4900 - 6200 MHz WiFi Interop: 5170 - 5835 MHz restricted by country of operation (*new* US/FCC 5600-5650 support)
Max Output Power	30 dBm
Sensitivity (MCS 0)	-87 dBm @ 80 MHz, -90 dBm @ 40 MHz, -93 dBm @ 20 MHz
Max Power Consumption	25W
System Power Method	802.3at compliant
PoE Power Supply	Passive POE compliant, 48-56 V Power over Ethernet supply with IEC61000-4-5 surge protection
Mounting	Dual pole strap mount and slip on mount for comparable antenna
Gigabit Ethernet:	10/100/1000-BASE-T
Multi-User MIMO	Device leverages beamforming to transmit to multiple clients simultaneously
Synchronisation	GPS+GLONASS allows for network-wide sync and interference avoidance
Network Processing	Advanced AP control for capacity and subscriber management
Security	WPA2 + Mimosa 802.1x RADIUS Management VLAN support