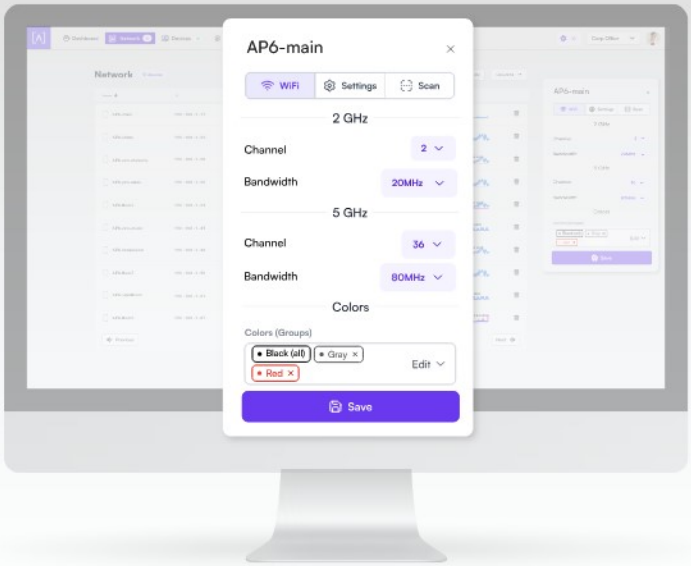
Status Snapshots

View upload and download throughput with a visual timeline on the dashboard for each AP displayed along with the number of connected devices, average processor load, channel load, and average connected devices. Select a snapshot of the last minute, last hour, last two days, or last two months.

Device Cards

Easily view connection details and configure your access points or client connections by clicking the device icon.



Mounting Flexibility

The AP6-Pro Outdoor has a pole mount built-in and also includes a wall mount accessory.

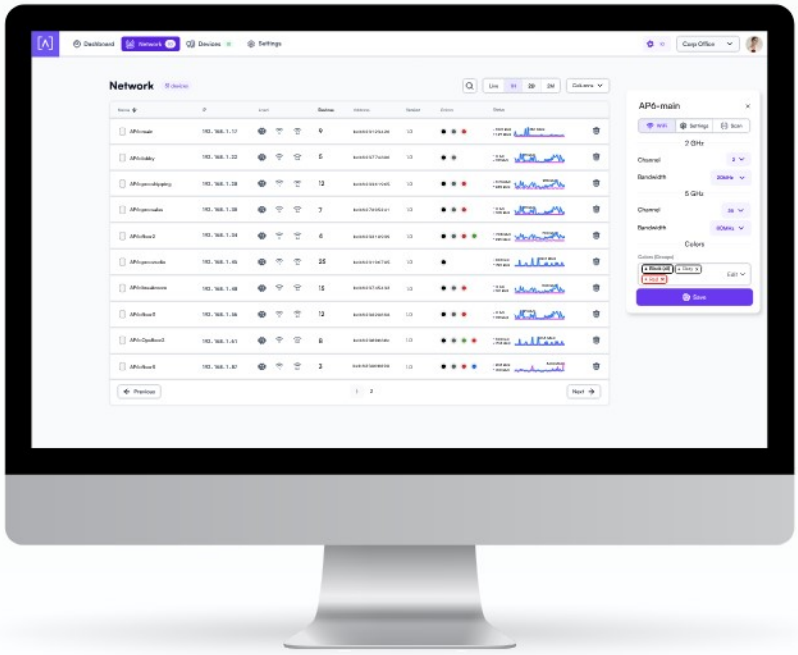
SPECIFICATIONS

MECHANICAL	
Dimensions	210 x 150 x 90 mm (8.3 x 5.9 x 3.5")
Weight	0.9 kg (1.9 lbs)
Enclosure Material	Top Cover: Polycarbonate, Bottom Cover: Milled Aluminum
Wall Mount Material	Galvanized Steel
Weatherproofing	IP68

HARDWARE	
Network Interface	Ethernet, WiFi, Bluetooth
Management Interface	(1) GbE RJ45 Port
Button(s)	Reset/Factory Reset
LED	Blue, White
Power Method	PoE+
Power Supply	PoE+ Enabled Network Switch or 48V, 0.5A PoE Adapter (Optional)
Supported Voltage Range	42.5-57V DC
Power Consumption	25W Max, 7 - 15W Typical @ 23° C (73° F)
Max. Transmit Power	2.4 GHz: 23 dBm @2NSS, 5 GHz: 26 dBm @4NSS
MIMO	5 GHz: 4 x 4, DL/UL MU-MIMO, DL/UL MU-OFDMA 2.4 GHz: 2 x 2. DL/UL MU-OFDMA Explicit TX beam-forming
Throughput Rate	2.4 GHz: Up to 573 Mbps, 5 GHz: Up to 5.8 Gbps
Antenna Gain	2.4 GHz: Up to 3.3 dBi, 5 GHz: Up to 4.3 dBi
Mounting	Pole mount, wall mount
Operating Temperature	-40 to 70° C (-40 to 158° F)
Operating Humidity	5 to 95% Noncondensing
Certifications	CE, FCC, IC (Visit Alta.inc for a full list of certifications)

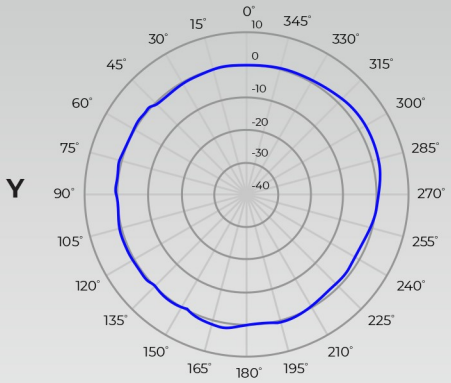
SOFTWARE	
WiFi Standards	802.11a/b/g/n/ac/ax (WiFi4/WiFi5/WiFi6)
Roaming	802.11r/k/v
Wireless Security	WPA2-PSK, WPA3-PSK, WPA-Enterprise (WPA2/WPA3)
Multi-BSSID	Supported
VLAN	802.1Q
Advanced QoS	802.11e
Guest Traffic Isolation	Supported
Concurrent Clients	350+
Zero Wait DFS	Yes
Intelligent WiFi Scheduling	Yes
Hotspot Functionality	Yes
Scalable To Stadiums	Yes
Seamless Per-Client Settings	VLAN, Device Type, Rate Limit, Hotspot/Schedule Exception

SUPPORTED DATA RATES	
802.11a/g	6 Mbps to 54 Mbps
802.11b	1 Mbps to 11 Mbps
802.11n	6.5 Mbps to 600 Mbps (Up to MCS 31)
802.11ac	6.5 Mbps to 3.4 Gbps (Up to MCS 9)
802.11ax	2.4 GHz: Up to 573 Mbps, 5 GHz: 6.5 Mbps to 5.8 Gbps (Up to MCS 13)



2.4 GHz

X



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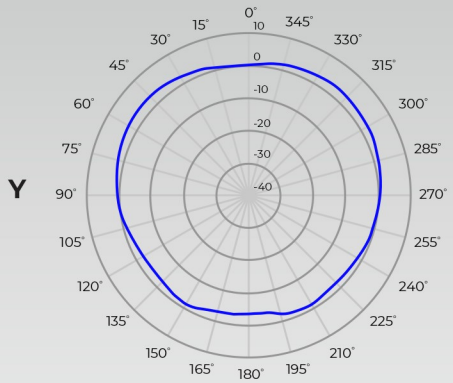

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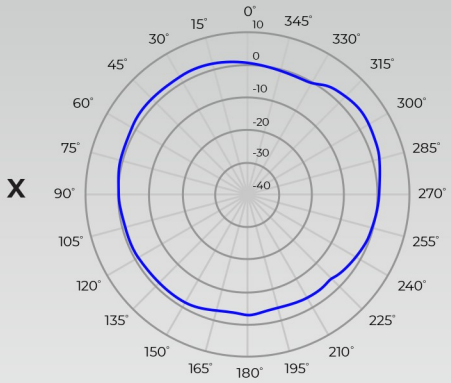

5 GHz

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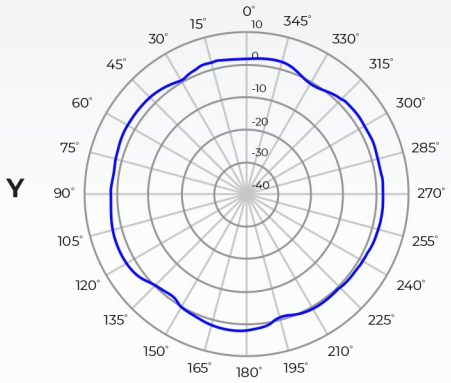

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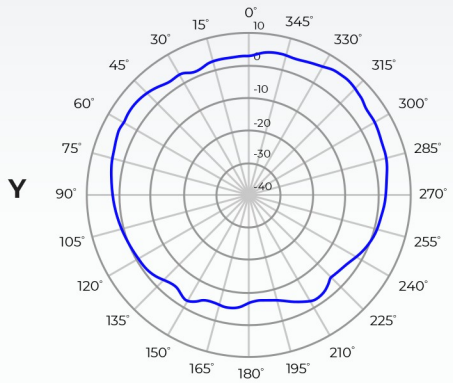

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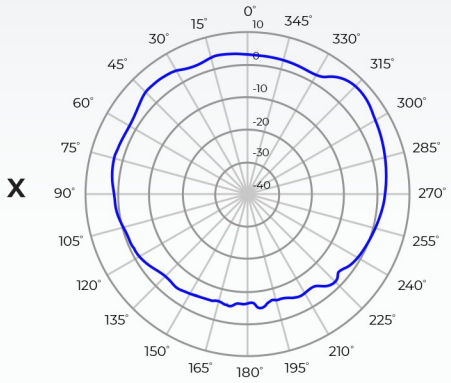

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