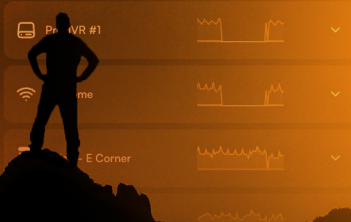




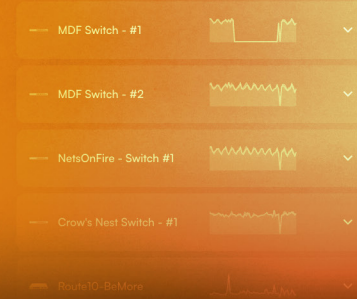
Dashboard 6 Network Devices 65 Devices 19 Applications



Top Active Devices



Top Active Network Devices



SUMMIT-A6 4x4 Dual-Band Enterprise Access Point

ELEVATED DESIGN & EXPERIENCE

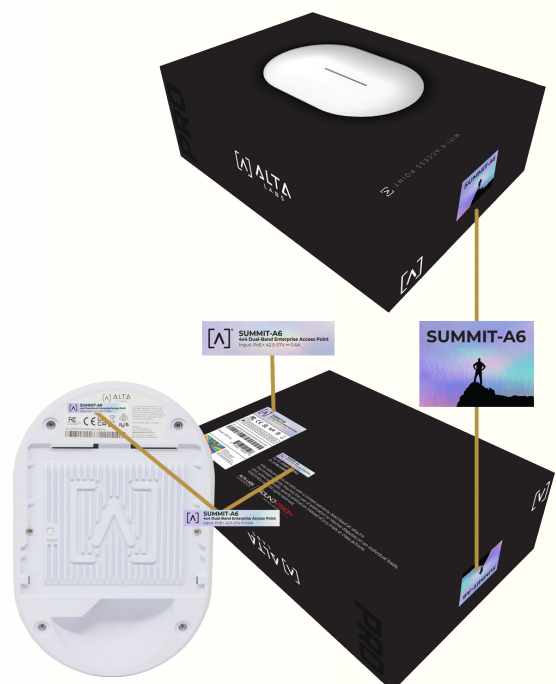
The Alta Labs Summit-A6 Access Point SKU was designed exclusively for our distributors and integrators servicing the enterprise and Pro-AV channels. The product will not be sold online and will not have a published retail price.

Ideal for for high-density deployments in hospitality environments such as hotels, public halls, stadiums, restaurants, entertainment venues, MDU (Multi-Dwelling Units), and all types of commercial, corporate, and residential deployments. These products have a special 5 year warranty, more than double the standard warranty included with our other Alta products.

The Summit-A6 features a compact form factor and a sleek aesthetic design allowing seamless integration into corporate, commercial, and residential environments. The Summit-A6 is IP54-rated for higher end commercial environments. The AP is powered over Ethernet for simple, clean installation. Versatile mounting hardware featuring our proprietary QuickMount™ technology for quick, simple mounting.

CUSTOMIZED SKU

New custom professional installer only SKU with special holofoil labels designed specifically for the Summit-A6 SKU.





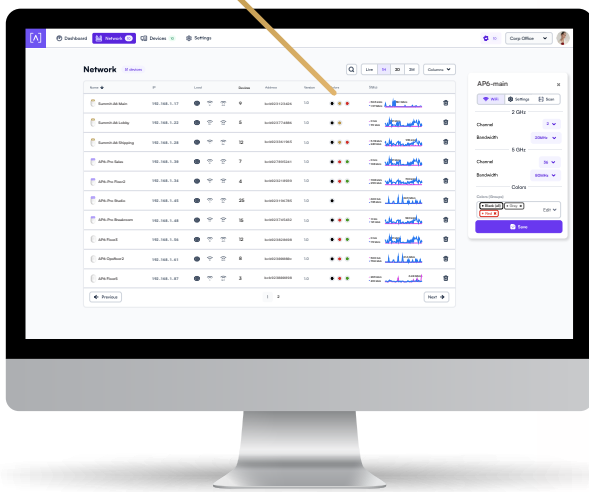
FEATURES

- Customized SKU
- Wireless Network Color Coding
- WiFi 6 With WiFi 7 Benefits
- Superior Range and Performance
- IP54 Rated
- AltaPass™ Multi-Password Technology
- Advanced Filtering - DPI Engine
- Mobile App
- Scalable Cloud-Based Management
- Hotspot Functionality
- On-The-Fly Changes and Scanning
- SSID Broadcasting Flexibility
- Customizable Dashboard
- Status Snapshots
- Device Cards

Exclusive Wireless Network Color Coding

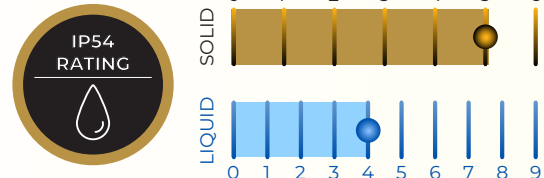
Alta Labs color coding is patent pending functionality that allows you to assign groups to wireless SSIDs and then assign membership to wireless access points. The Summit-A6 includes an exclusive gold color option, only available to users of the Summit-A6 SKU.

Name	IP	Load	Devices	AP/SSID	Version	Colors
Summit-A6 Main	192.168.1.17	9	bc9923123426	1.0	Gold, Red, Green	
Summit-A6 Lobby	192.168.1.22	5	bc9923774886	1.0	Gold, Red, Green	
Summit-A6 Shipping	192.168.1.28	12	bc9923361965	1.0	Gold, Red, Green	



IP54 Rated

The Summit-A6 is IP54 rated, offering strong protection against solids such as dust in a commercial environment, and a limited level of water resistance from water spray, allowing the AP to be installed outdoors under eaves or overhangs.



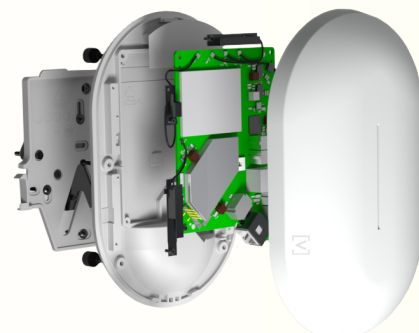
WiFi 6 with WiFi 7 Benefits

Built on an innovative new dual-band, 6 stream, WiFi 6 networking platform from Qualcomm®, the Summit-A6 incorporates 4096 QAM, one of the primary features of WiFi 7, providing a combined 6.3 Gbps of WiFi capacity.



Superior Range and Performance









Our proprietary antenna design provides superior range and performance. The Summit-A6 features four 5 GHz antennas, a design that helps the Summit-A6 outperform 2x2 APs by an over 30% throughput increase in many cases. Seamless roaming is fully automatic with support for the 802.11 k, v, and r standards. The Summit-A6 utilizes intelligent mesh formation for maximum throughput.





AltaPass™ is Alta Labs Powerful Patented Technology Built Into All Alta Labs Access Points

AltaPass™ is Alta Labs' patented technology (USPTO 12047240) built into all Alta Labs access points. This feature allows multiple passwords with customizable network/Internet settings to be used with a single wireless network SSID.

-  Configure Unlimited Passwords
-  Effortlessly Scale to Thousands of Users
-  Secure Guest WiFi Independent of Router
-  Choose From Predefined List of Network Types
-  Limit Download/Upload Speeds
-  Assign to VLAN
-  Bypass Hotspot or Filter
-  Ignore Schedule Limitations

AltaPass™ Multi-Password Technology

AltaPass allows clients to connect to the same wireless network SSID using different passwords. The functionality is built in to all Alta Labs Access Points and managed using Control™.

Configure unlimited passwords and effortlessly scale to thousands of users. Clients are provided with different network and internet access levels based on the password they use to connect to the network. Passwords can be utilized by individuals or groups.

When a password is created, select from one of the predefined standard use cases. The password can then also be associated with limited download and/or upload speeds, assigned to a VLAN, or set to bypass the filtering rules, the hotspot functionality, or to ignore the schedule.

Predefined Use Cases

- **Standard/Small** Typical network with less than 100 WiFi clients/devices
- **Large** Optimized for hundreds to thousands of WiFi clients/devices
- **IoT** Restricted to Internet and local incoming connections only
- **Internet only** Restricted to Internet only
- **Guest** Restricted to Internet and IoT devices



ALTA PASS™
MULTI-PASSWORD TECHNOLOGY

📶 Apt 101	📶 Apt 201	📶 Apt 301	📶 Apt 401
📶 Apt 102	📶 Apt 202	📶 Apt 302	📶 Apt 402
📶 Apt 103	📶 Apt 203	📶 Apt 303	📶 Apt 403
📶 Apt 104	📶 Apt 204	📶 Apt 304	📶 Apt 404
📶 Apt 105	📶 Apt 205	📶 Apt 305	📶 Apt 405
📶 Apt 106	📶 Apt 206	📶 Apt 306	📶 Apt 406
📶 Apt 107	📶 Apt 207	📶 Apt 307	📶 Apt 407
📶 Apt 108	📶 Apt 208	📶 Apt 308	📶 Apt 408
📶 Apt 109	📶 Apt 209	📶 Apt 309	📶 Apt 409
📶 Apt 110	📶 Apt 210	📶 Apt 310	📶 Apt 410
📶 Apt 111	📶 Apt 211	📶 Apt 311	📶 Apt 411
📶 Apt 112	📶 Apt 212	📶 Apt 312	📶 Apt 412
📶 Apt 113	📶 Apt 213	📶 Apt 313	📶 Apt 413
📶 Apt 114	📶 Apt 214	📶 Apt 314	📶 Apt 414
📶 Apt 115	📶 Apt 215	📶 Apt 315	📶 Apt 415
📶 Apt 116	📶 Apt 216	📶 Apt 316	📶 Apt 416
📶 Apt 117	📶 Apt 217	📶 Apt 317	📶 Apt 417
📶 Apt 118	📶 Apt 218	📶 Apt 318	📶 Apt 418

📶 Apartments

Advanced Filtering - DPI Engine

The Alta Labs access points have a powerful built-in Deep Packet Inspection (DPI) engine.

By incorporating this feature directly in the access points, there is no need to purchase additional hardware to take advantage of this powerful tool.

Restrict access to websites, applications, or application types. Filter settings are easily applied in the Alta Labs web management interface.

Select applications or application types in the Block Applications drop-down menu. Block websites by typing in their domain names in the Block Domains field.



Password-Based Exceptions

There are many scenarios where users can't have or don't need their content filtered. The Alta Labs management interface allows you to bypass the site filter policy using our Multi-Password Authentication technology. Define a password to provide to users that bypasses the defined filter rules. If a hotspot has been created, it can also be bypassed. If a schedule has been defined, it can be ignored. Multiple password options can be defined using various combinations of the options.

Device Specific Exceptions

For instances where specific devices should not have their content filtered, adhere to a schedule, or bypass a hotspot, admins can allow individual devices to bypass the filter, schedule, and/or hotspot settings.

Passwords

Use different passwords to automatically separate different types of... [Show More](#)

Standard [v] [password field] [trash icon]

- Guest
- VLAN [Number]
- DL Rate (Mbps) [Mbps]
- UL Rate (Mbps) [Mbps]
- Bypass HotSpot
- Ignore Schedule
- Bypass Filter

+ Add Password

Sites

Edit [v]

Edit [v]

Outdoor SmartPlug [x]

Blank values will use defaults.

Network Type [Use Default [v]]

VLAN [input field]

DL Rate (Mbps) [input field]

UL Rate (Mbps) [input field]

Bypass Hotspot [Yes]

Bypass Schedule [Use Default]

Bypass Filter [Yes]

Device Icon [lightning bolt icon]

Reset Save



Mobile App

Monitor and manage your networks from the convenience of your mobile device using the Alta Networks app. Sign up for an Alta Labs account using just your name, email, and password or sign in using your Google or Apple account.



Hotspot Functionality

Built-in functionality to create your own local hotspot with a logo, title page, terms of service, and a final landing page. You also have the option to redirect to an external URL.



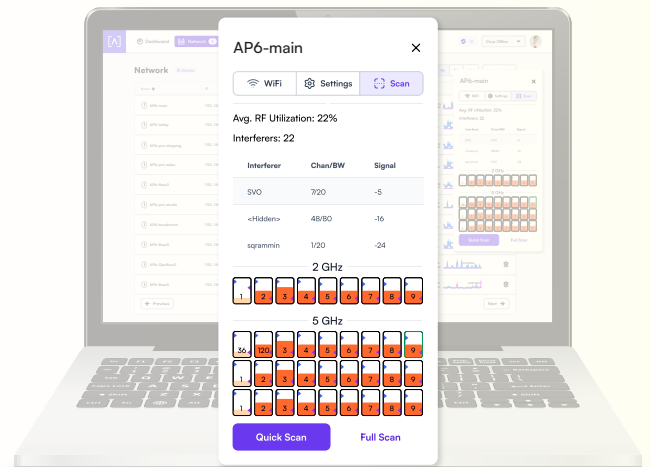
Scalable Cloud-Based Management

Alta Labs provides an intuitive and easy-to-use cloud-based management interface for Alta Labs access points and switches. Designed for optimum scalability using a high-availability architecture for the ultimate in convenience and worldwide accessibility. Built on a worldwide content delivery network to optimize response and latency, our global cloud infrastructure ensures geographically optimized connectivity through our redundant network.

Deploy and manage multiple sites quickly and easily. Add, delete, or rename sites instantly. Toggle between sites from a site selection drop-down. Each site contains its own data set.

On-The-Fly Changes and Scanning

- Configuration changes do not require a reboot of your network. Changes can be made without taking your network down.
- Scan your AP environment without disrupting your WiFi network.



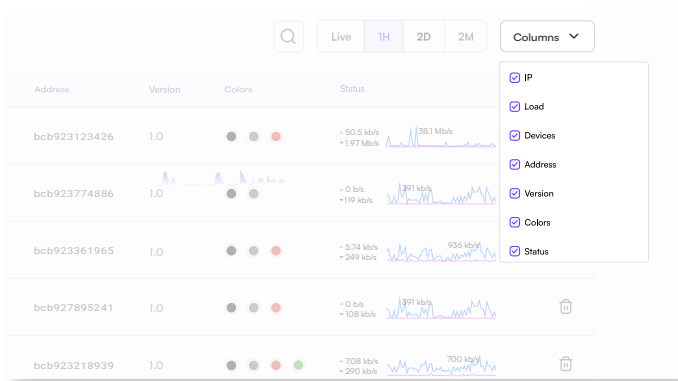


SSID Broadcasting Flexibility

In addition to standard functionality such as hiding your SSID, you can continue broadcasting your SSID during a “scheduled off” event. This provides network admins with the ability to grant users additional time on the network. A user can request access via a captive portal displayed when they try to access the network.

Customizable Dashboard

Customize your dashboard with the information you want to see: IP address, Load, number of devices, MAC address, firmware version, wireless network color assignment, and real-time status details. Details are sortable by column.

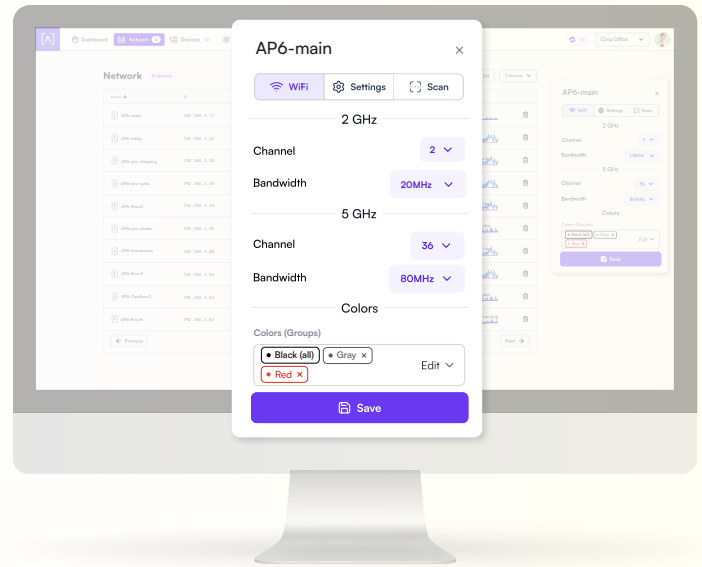


Status Snapshots

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

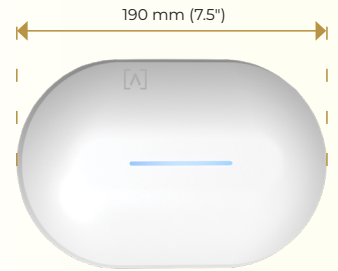
Easily view connection details and configure your access points or client connections by clicking the device icon.





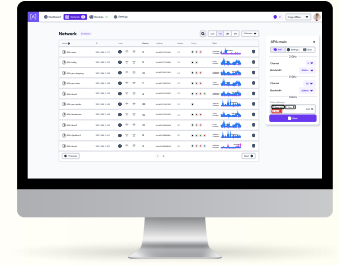
SPECIFICATIONS

MECHANICAL	
Dimensions	190 x 125 x 32 mm (7.5 x 4.9 x 1.25")
Weight	0.4 kg (0.9 lbs)
Enclosure Material	Top Cover: Polycarbonate, Bottom Cover: Milled Aluminum
Mount Material	Ceiling/Wall: Polycarbonate, Drop Ceiling: Steel
Weatherproofing	IP54
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	Wall, ceiling, drop-ceiling, table top
Operating Temperature	-30 to 60° C (-22 to 140° 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, WPA2-SAE, 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



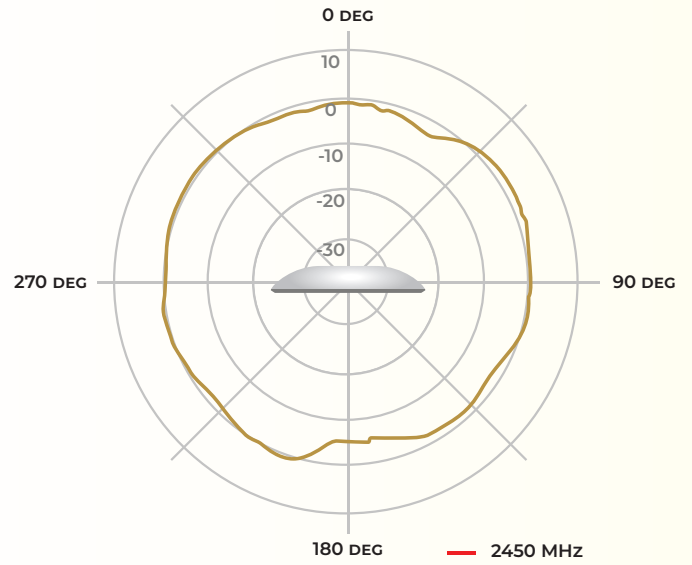
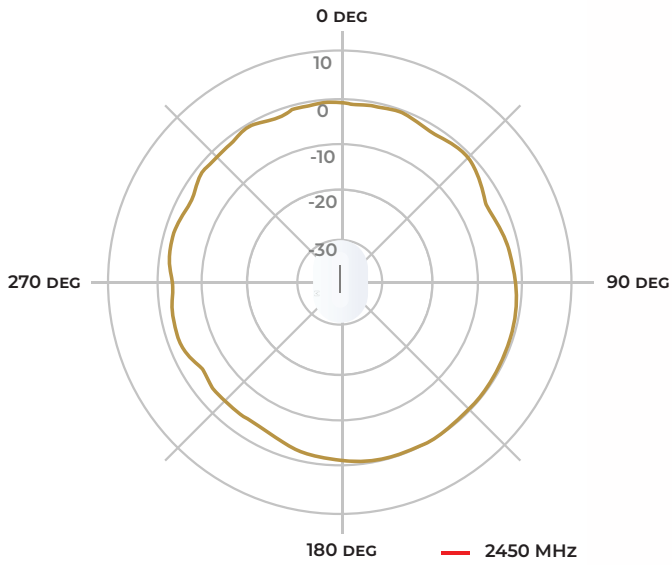
SUPPORTED DATA RATES	
802.11a/g	6 Mbps to 54 Mbps
802.11b	1 Mbps to 11 Mbps
802.11n	6.5 Mbps to 600 Mbps (Up to MCS 31)
802.11ac	6.5 Mbps to 3.4 Gbps (Up to MCS 9)
802.11ax	2.4 GHz: Up to 573 Mbps, 5 GHz: 6.5 Mbps to 5.8 Gbps (Up to MCS 13)

FEATURE COMPARISON

Features	AP6	AP6 PROFESSIONAL	SUMMIT-A6
WiFi 6	✓	✓	✓
Bluetooth (For Easy Adoption)	✓	✓	✓
Content Filtering	✓	✓	✓
PoE+	✓	✓	✓
2.4 GHz MIMO	2 x 2	2 x 2	2 x 2
5 GHz MIMO	2 x 2	4 x 4	4 x 4
Max WiFi Throughput	3.0 Gbps	6.3 Gbps	6.3 Gbps
4096 QAM	-	✓	✓
IP54 RATED	-	✓	✓
EXTENDED WARRANTY			✓
EXTRA COLORS & FEATURES			✓



2.4 GHz



5 GHz

