

# AP42 & AP62

Simple, cloud-managed wireless access points



## Born in the Cloud

MSP-Centric WiFi begins in the cloud. For Datto Networking, it begins in the Datto Partner Portal where our access points get all of their configurations. Then, just plug in the APs and they work. With configurations set and stored in the same portal used to manage all Datto devices, an MSP can deploy WiFi networks in minutes. Simple, rapid deployment born in the cloud.

## MSP Aligned

Datto Networking has one customer, the managed services provider. Because of this, we focus all of our efforts on aligning with the MSP business model. From simple deployments and management to native RMM and PSA integrations to monthly service pricing, Datto Networking was purpose-built for MSPs, eliminating the problem of force fitting networking into their business model. It's not just features. It's everything about Datto Networking that is MSP Aligned.

## Auto-Optimized

WiFi works best when it utilizes smart technology to self tune for better performance. That's why Datto Networking access points include several auto-optimizations designed to continually fine tune for a better WiFi experience. Whether it's automatic self healing mesh, auto-channel scanning to minimize interference or automatic firmware management and updates from the cloud, Datto WiFi is committed to delivering the best MSP-Centric WiFi experience possible.

## Just-Plug-It-In Install

To install Datto Networking access points, it's a matter of just plugging in the devices. That's because all Datto APs get their configuration from the cloud. Set up the configuration once, then plug in the AP. It really is that simple. There is nothing to install on site. And there are no local cloud instances that need to be spinned up just to manage the WiFi. Set everything up once in the cloud, then just-plug-it-in. What could more MSP-Centric than that?

## Smarter MSP Networking

Being purpose-built for the MSP, everything about Datto Networking aligns with how an MSP operates. From ordering devices to just-plug-it-in installations and cloud-based configurations and management, Datto WiFi is smarter MSP Networking.

## Managed Networking Services...the Datto Way

At Datto, we believe in the value of great products and an unwavering commitment to 24x7x365 customer service and support. Every Datto Networking product ships with a lifetime warranty...backed by our advanced replacement program. If you have an issue with your device, we ship you a new one before you send your damaged device back. That way users are always connected. Powerful networks, the Datto way.

# AP42

802.11ac Wave 2 Indoor/Outdoor  
Cloud-Managed WiFi Access Point

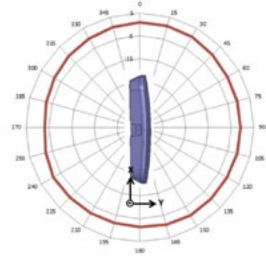
# AP62

Tri-Band 802.11ac Wave 2 Indoor/Outdoor  
Cloud-Managed WiFi Access Point

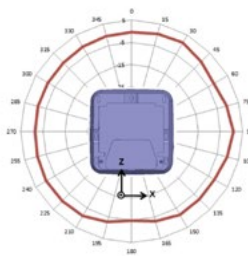
Wireless Specs & Capacity	AP42	AP62
<b>Bands</b>	2.4GHz + 5 GHz	2.4GHz + 5 GHz + 5 GHz
<b>Wireless connectivity</b>	802.11a/b/g/n/ac Wave 2 2.4GHz 2x2, 5GHz 2x2 MU-MIMO 20 and up to 40 MHz channels (802.11n) 20, 40, and up to 80 MHz (802.11ac)	Tri-band 802.11a/b/g/n/ac Wave 2 2.4GHz 2x2, Dual 5GHz 2x2 MU-MIMO 20 and up to 40 MHz (802.11n) 20, 40, 80, and up to 160 MHz (802.11ac)
<b>Supported Frequency Bands (Country-Specific Restrictions Apply)</b>	2.412-2.484 GHz 5.150-5.250 GHz (UNII-1) 5.250-5.350 GHz (UNII-2) 5.470-5.730 GHz (UNII-2e) 5.735-5.825 GHz (UNII-3)	2.412-2.484 GHz 5.150-5.250 GHz (UNII-1) 5.250-5.350 GHz (UNII-2) 5.470-5.730 GHz (UNII-2e) 5.735-5.825 GHz (UNII-3)
<b>Speed (rated)</b>	<b>1.2 Gbps</b> 2.4GHz - 300 Mbps, 5GHz - 867 Mbps	<b>2 Gbps</b> 2.4GHz - 300 Mbps, 5GHz 1 - 867 Mbps, 5GHz 2 - 1733 Mbps
<b>Range (approximate)</b>	75' - 150' indoor (3-4 walls), 400' - 600' outdoor	
<b>Max users (recommended)</b>	50-100 per AP	75-150 per AP
Features	AP42	AP62
<b>Cloud Management</b>	Built-in cloud management (no onsite controller/management appliance required), WPA/WPA2 Personal and Enterprise, captive portal/splash pages, Facebook Wi-Fi, user management capabilities, and much more.	
<b>Automatic Firmware Upgrades</b>	Yes	Yes
<b>Automatic Feature Upgrades</b>	Yes	Yes
<b>Zero config plug and play</b>	Yes	Yes
<b>Self-forming, self-healing Mesh</b>	Yes	Yes
<b>Seamless roaming</b>	Yes	Yes
<b>Wireless LAN</b>	4 SSIDs, bridge to LAN, bridge to VLAN (tagging), Public & Private SSIDs, DFS	
Hardware & Environmental	AP42	AP62
<b>Warranty</b>	Lifetime Warranty	
<b>Mounting</b>	Installation kit included: t-rail ceiling, solid ceiling or wall, ethernet jack, outdoor wall/pole	
<b>Ethernet/LAN</b>	2 x Gigabit	2 x Gigabit
<b>PoE</b>	Standard 802.3af, Passive 18-24V (mode A, B, A+B)	Standard 802.3af/at, Passive 18-24V (mode A, B, A+B) <i>802.3at recommended</i>
<b>Power Consumption (Peak)</b>	12W	22W
<b>CPU</b>	Qualcomm Dakota IPQ4018	Qualcomm Dakota IPQ4019
<b>Memory</b>	256MB DRAM DDR3	256MB DRAM DDR3
<b>LED Indicators</b>	Nine-color LED status indication	
<b>Hardware watchdog</b>	Yes	Yes
<b>Antennas</b>	Internal - 2 dual-band	Internal - 2 dual-band, 2 single-band
<b>USB (future expansion)</b>	Yes	Yes
<b>Indoor/Outdoor Rating</b>	CE Marked for Indoor/Outdoor Use	
<b>Certifications</b>	EN 60950-1, EN 55032, EN 62311 (SAR & MPE), UL 60950-1, cUL 60950-1, EN 300.328, EN 301.489-1 and EN 301.489-17, EN 301.893, RCM, C-Tick 4268(2.4GHz) +C-Tick 4268 (5GHz), C-Tick 3548, ICES-003, IC RSS-247(2.4GHz) + IC RSS-246(5GHz), FCC Pat 15 B, C, E	
<b>Operating Temperature</b>	-20° to 50° C (-4° to 122° F)	
<b>Humidity</b>	5~90% non-condensing	
<b>Size</b>	169.9mm x 169.9mm x 30.48mm (6.69" x 6.69" x 1.2")	

# AP Radiation Patterns

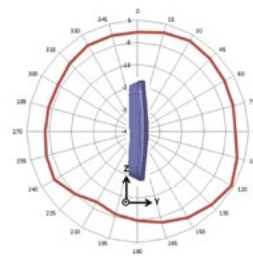
AP42 @2450MHz



XY-plane

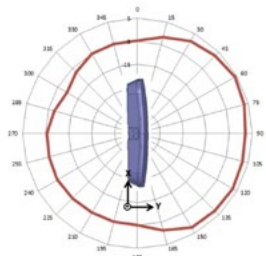


XZ-plane

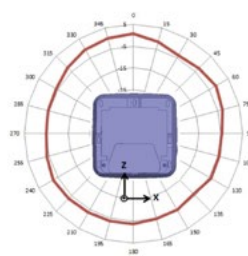


YZ-plane

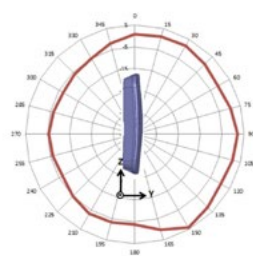
AP42 @5550MHz



XY-plane



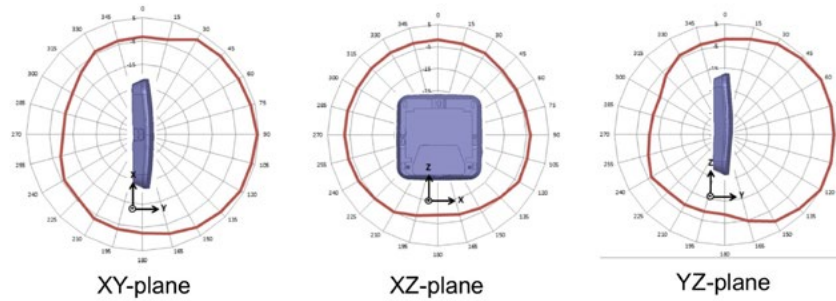
XZ-plane



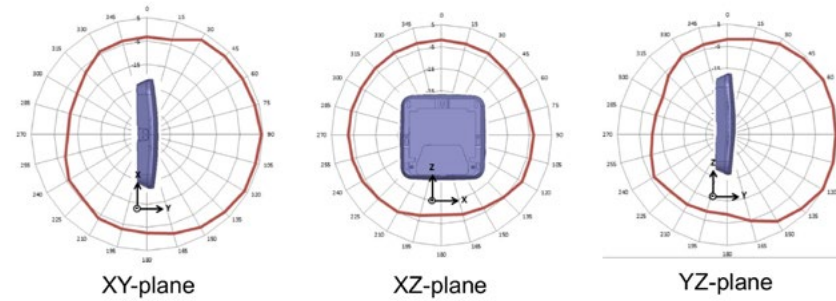
YZ-plane

# AP Radiation Patterns

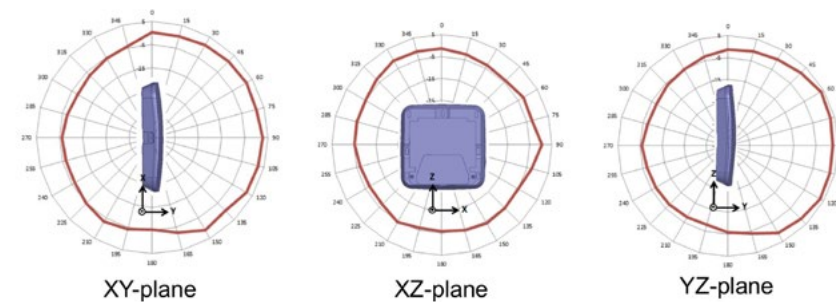
## AP62 2.4 @2450MHz



## AP62 5GHz @5200MHz



## AP62 5GHz @5600MHz



**datto**

### Corporate Headquarters

Datto, Inc.  
101 Merritt 7  
Norwalk, CT 06851  
United States

partners@datto.com  
www.datto.com  
888.294.6312

### Global Offices

USA: 888.294.6312  
Canada: 877.811.0577  
EMEA: +44 (0) 118 402 9606

Australia: +61 (02) 9696 8190  
Singapore: +65-31586291

©2021 Datto, Inc. All rights reserved.  
Updated 22 February 2021