datto | WIFI

MSP-Centric WiFi

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
Bands	2.4GHz + 5 GHz	2.4GHz + 5 GHz + 5 GHz
Wireless connectivity	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)
Supported Frequency Bands (Country-Specific Restrictions Apply)	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)
Speed (rated)	**1.2 Gbps** 2.4GHz - 300 Mbps, 5GHz - 867 Mbps	**2 Gbps** 2.4GHz - 300 Mbps, 5GHz 1 - 867 Mbps, 5GHz 2 - 1733 Mbps
Range (approximate)	75' - 150' indoor (3-4 walls), 400' - 600' outdoor	
Max users (recommended)	50-100 per AP	75-150 per AP

Features	AP42	AP62
Cloud Management	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.	
Automatic Firmware Upgrades	Yes	Yes
Automatic Feature Upgrades	Yes	Yes
Zero config plug and play	Yes	Yes
Self-forming, self-healing Mesh	Yes	Yes
Seamless roaming	Yes	Yes
Wireless LAN	4 SSIDs, bridge to LAN, bridge to VLAN (tagging), Public & Private SSIDs, DFS	

Hardware & Environmental	AP42	AP62
Warranty	Lifetime Warranty	
Mounting	Installation kit included: t-rail ceiling, solid ceiling or wall, ethernet jack, outdoor wall/pole	
Ethernet/LAN	2 x Gigabit	2 x Gigabit
PoE	Standard 802.3af, Passive 18-24V (mode A, B, A+B)	Standard 802.3af/at, Passive 18-24V (mode A, B, A+B) *802.3at recommended*
Power Consumption (Peak)	12W	14W
CPU	Qualcomm Dakota IPQ4018	Qualcomm Dakota IPQ4019
Memory	256MB DRAM DDR3	256MB DRAM DDR3
LED Indicators	Nine-color LED status indication	
Hardware watchdog	Yes	Yes
Antennas	Internal - 2 dual-band	Internal - 2 dual-band, 2 single-band
USB (future expansion)	Yes	Yes
Indoor/Outdoor Rating	CE Marked for Indoor/Outdoor Use	
Certifications	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	
Operating Temperature	-20° to 50° C (-4° to 122° F)	
Humidity	5~90% non-condensing	
Size	169.9mm x 169.9mm x 30.48mm (6.69" x 6.69" x 1.2")	

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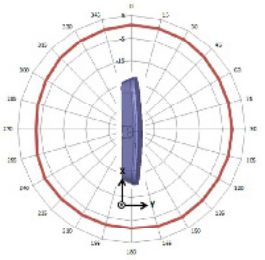
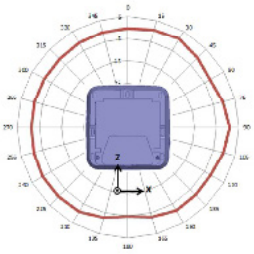
Updated 10/16/19

AP Radiation Patterns

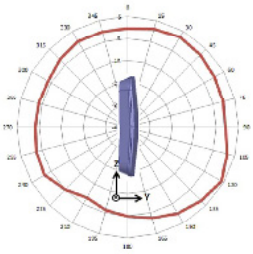
AP42 @2450MHz



XY-plane

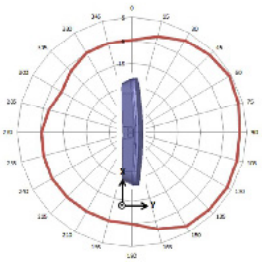


XZ-plane



YZ-plane

AP42 @5550MHz



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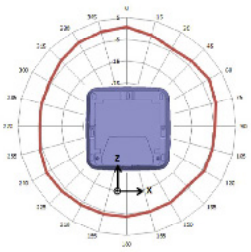

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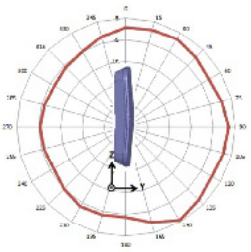
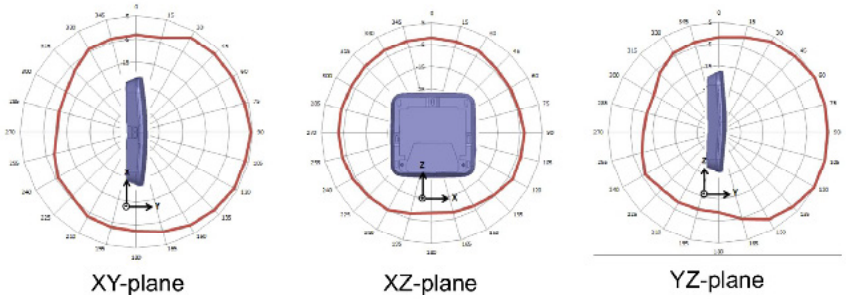


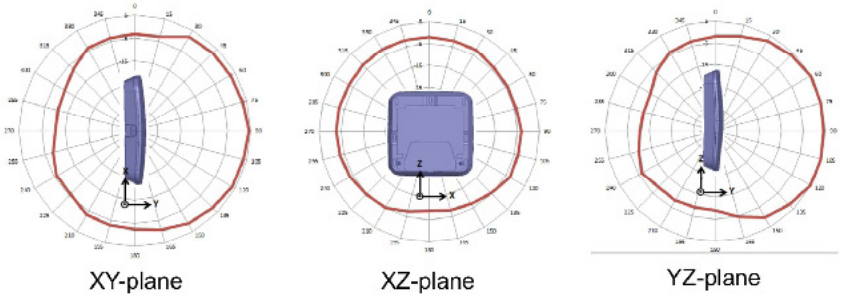
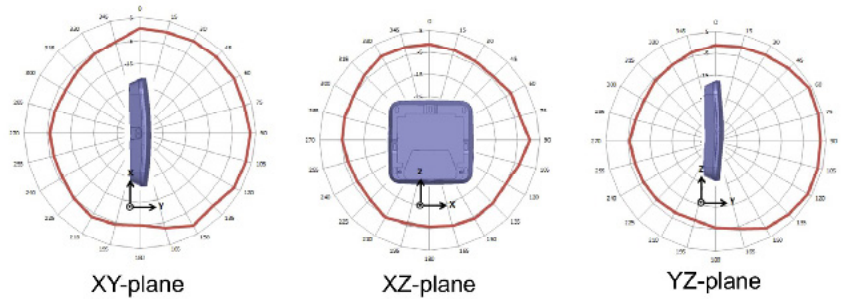
YZ-plane

AP Radiation Patterns

AP62 2.4 @2450MHz



AP62 5GHz @5200MHz



AP62 5GHz @5600MHz