








BUSINESS WIRELESS

Comparison Guide








D-Link[®]
FOR BUSINESS









D-Link offers a breadth of wireless options, from software managed APs to controller managed unified wireless end-to-end solutions, giving businesses the flexibility to choose what's right for their environment. With affordable, reliable D-Link


D-Link Wireless Access Points	Unified Wireless APs					Standalone APs	
							
	DWL-2600AP	DWL-3600AP	DWL-6600AP	DWL-8600AP	DWL-8610AP	DAP-1665	DAP-2310
Centralized Management							
Unified Switch/Controller	✓	✓	✓	✓	✓		
Central WiFiManager Controller							✓
Access Point Features							
Band	Single-band	Single-band	Dual-band Concurrent	Dual-band Concurrent	Dual-band Concurrent	Dual-band Concurrent	Single-band
Operation mode	Standalone or Controller-managed	Standalone or Controller-managed	Standalone or Controller-managed	Standalone or Controller-managed	Standalone or Controller-managed	Standalone	Standalone
Wi-Fi Standard	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n and 802.11 a/n	802.11 b/g/n and 802.11 a/n	802.11 b/g/n and 802.11 a/n/ac	802.11 b/g/n and 802.11 a/n/ac	802.11 b/g/n
MIMO	2x2	2x2	2x2	2x2	3x3	2x2	2x2
Wi-Fi Speed	300Mbps @2.4GHz	300Mbps @2.4GHz	300Mbps @2.4GHz 300Mbps @5GHz	300Mbps @2.4GHz 300Mbps @5GHz	450Mbps @2.4GHz 1300Mbps @5GHz	300Mbps @2.4GHz 867Mbps @5GHz	300Mbps @2.4GHz
Max. Output Power	2.4GHz: 18dBm	2.4GHz: 18dBm	2.4GHz: 18dBm 5GHz: 17dBm	2.4GHz: 18dBm 5GHz: 17dBm	2.4GHz: 17dBm 5GHz: 17dBm	2.4GHz: 25dBm 5GHz: 21dBm	2.4GHz: 26dBm
Antenna Type	2 Internal omni-directional	2 Internal omni-directional	4 Internal omni-directional (optional external)	4 External omni-directional	6 Internal omni-directional	2 External omni-directional	2 External omni-directional
Antenna Gain (dBi)	3 dBi	4.7dBi	5dBi @ 2.4GHz 6dBi @ 5GHz	4dBi @ 2.4GHz 6dBi @ 5GHz	5 dBi @ 2.4GHz 6.5 dBi @ 5GHz	3 dBi @ 2.4GHz 5 dBi @ 5GHz	2dBi
Antenna Connector			4 RP-SMA Female	4 RP-SMA Female		2 RP-SMA Female	2 RP-SMA Female
Power-over-Ethernet	Yes (802.3af)	Yes (802.3af)	Yes (802.3af)	Yes (802.3af)	Yes (802.3at)	No	Yes (802.3af)
Interface Ports	1 10/100	1 10/100/1000	1 10/100/1000	1 10/100/1000	2 10/100/1000	1 10/100/1000	1 10/100/1000
Console Port	RJ45	RJ45	RJ45	RJ45	RJ45		
Plenum Rated (UL-2043)		✓	✓	✓	✓		
Indoor/Outdoor Use	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor
Housing Material	Plastic	Plastic	Plastic	Metal	Metal/Plastic	Plastic	Plastic
Wireless & Network Features							
AP / WDS / WDS with AP	✓	✓	✓	✓	✓	✓	✓
Wireless Client	✓ (in S/A mode)	✓ (in S/A mode)	✓ (in S/A mode)	✓ (in S/A mode)	✓ (in S/A mode)	✓	✓
Multiple SSID / 802.1Q	Up to 16 SSID	Up to 16 SSID	Up to 16 SSID each radio	Up to 16 SSID each radio	Up to 16 SSID each radio	1 SSID each radio	Up to 8 SSID
WMM-PS/ IEEE 802.11e (U-APSD)	✓	✓	✓	✓	✓	✓	✓
Wi-Fi Scheduler	✓ (in S/A mode)	✓ (in S/A mode)	✓ (in S/A mode)	✓ (in S/A mode)	✓ (in S/A mode)		✓
AP Traffic Load Balance	✓ (in S/A mode)	✓ (in S/A mode)	✓ (in S/A mode)	✓ (in S/A mode)	✓ (in S/A mode)		✓
Security/Encryption							
WEP (64/128-bit)	✓	✓	✓	✓	✓	✓	✓
TKIP/AES WPA/WPA2 PSK	✓	✓	✓	✓	✓	✓	✓
WPA/WPA2 Ent. / 802.1X Auth.	✓	✓	✓	✓	✓	✓	✓
MAC Address Filtering	✓	✓	✓	✓	✓	✓	✓
Management							
Web Interface	✓	✓	✓	✓	✓	✓	✓
Serial Management	✓	✓	✓	✓	✓		
Telnet & SSH	✓	✓	✓	✓	✓		✓
SNMP v1, v2c, v3	✓	✓	✓	✓	✓		✓
Warranty & Pricing							
Warranty	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	1-Year	Limited Lifetime
MSRP	\$199.99	\$329.99	\$549.99	\$599.99	\$799.99	\$119.99	\$109.99

wireless solutions, it's never been easier to have wireless everywhere, no matter how large or small the business.

D-Link Wireless Access Points	Standalone APs						
							
	DAP-2330	DAP-2360	DAP-2553	DAP-2660	DAP-2690	DAP-2695	DAP-3662
Centralized Management							
Unified Switch/Controller							
Central WiFiManager Controller	✓	✓	✓	✓	✓	✓	✓
Access Point Features							
Band	Single-band	Single-band	Dual-band Selectable	Dual-band Concurrent	Dual-band Concurrent	Dual-band Concurrent	Dual-band Concurrent
Operation mode	Standalone	Standalone	Standalone	Standalone	Standalone	Standalone	Standalone
Wi-Fi Standard	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n or 802.11 a/n	802.11 b/g/n and 802.11 a/n/ac	802.11 b/g/n and 802.11 a/n	802.11 b/g/n and 802.11 a/n/ac	802.11 b/g/n and 802.11 a/n/ac
MIMO	2x2	2x2	3x3	2x2	2x2	3x3	2x2
Wi-Fi Speed	300Mbps @2.4GHz	300Mbps @2.4GHz	450Mbps @2.4GHz 450Mbps @5GHz	300Mbps @2.4GHz 867Mbps @5GHz	300Mbps @2.4GHz 300Mbps @5GHz	450Mbps @2.4GHz 1300Mbps @5GHz	300Mbps @2.4GHz 867Mbps @5GHz
Max. Output Power	2.4GHz: 26 dBm	2.4GHz: 26 dBm	2.4GHz: 21dbm 5GHz: 20dbm	2.4GHz: 26dBm 5GHz: 26dBm	2.4GHz: 23dBm 5GHz: 23dBm	2.4GHz: 27.5dBm 5GHz: 27.5dBm	2.4GHz: 26dBm 5GHz: 26dBm
Antenna Type	2 Internal omni-directional	2 External omni-directional	3 External omni-directional	4 Internal omni-directional	4 External omni-directional	6 External omni-directional	4 Internal omni-directional
Antenna Gain (dBi)	3 dBi	5dBi	3dBi @ 2.4GHz 5dBi @ 5GHz	3dBi @ 2.4GHz 4dBi @ 5GHz	4dBi @ 2.4GHz 6dBi @ 5GHz	4dBi @ 2.4GHz 6dBi @ 5GHz	6dBi @ 2.4GHz 6dBi @ 5GHz
Antenna Connector		2 RP-SMA Female	3 RP-SMA Female		4 RP-SMA Female	6 RP-SMA Female	
Power-over-Ethernet	Yes (802.3af)	Yes (802.3af)	Yes (802.3af)	Yes (802.3af)	Yes (802.3af)	Yes (802.3at)	Yes (802.3af)
Interface Ports	1 10/100/1000	1 10/100/1000	1 10/100/1000	1 10/100/1000	1 10/100/1000	2 10/100/1000	2 10/100/1000
Console Port					RJ45	RJ45	RJ45
Plenum Rated (UL-2043)		✓			✓	✓	
Indoor/Outdoor Use	Indoor	Indoor	Indoor	Indoor	Indoor	Indoor	Outdoor (IP67)
Housing Material	Plastic	Metal	Plastic	Plastic	Metal	Metal	Plastic
Wireless & Network Features							
AP / WDS / WDS with AP Modes	✓	✓	✓	✓	✓	✓	✓
Wireless Client Mode	✓	✓	✓	✓	✓	✓	✓
Multiple SSID / 802.1Q	Up to 8 SSID	Up to 8 SSID	Up to 4 SSID	Up to 8 SSID each radio	Up to 8 SSID each radio	Up to 8 SSID each radio	Up to 8 SSID each radio
WMM-PS/ IEEE 802.11e (U-APSD)	✓	✓	✓	✓	✓	✓	✓
Wi-Fi Scheduler (Green)	✓	✓	✓	✓	✓	✓	✓
AP Traffic Load Balance	✓	✓	✓	✓	✓	✓	✓
Security/Encryption							
WEP (64/128-bit)	✓	✓	✓	✓	✓	✓	✓
TKIP/AES WPA/WPA2 PSK	✓	✓	✓	✓	✓	✓	✓
WPA/WPA2 Ent. / 802.1X Auth.	✓	✓	✓	✓	✓	✓	✓
MAC Address Filtering	✓	✓	✓	✓	✓	✓	✓
Management							
Web Interface	✓	✓	✓	✓	✓	✓	✓
Serial Management							✓
Telnet & SSH	✓	✓	✓	✓	✓	✓	✓
SNMP v1, v2c, v3	✓	✓	✓	✓	✓	✓	✓
Warranty & Pricing							
Warranty	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime	Limited Lifetime
MSRP	\$119.99	\$159.99	\$179.99	\$229.99	\$309.99	\$389.99	\$489.99

D-Link Unified Wireless Controllers and Switches	Unified Controllers		Unified Switches		
					
	DWC-1000	DWC-2000	DWS-3160-24PC	DWS-3160-24TC	DWS-4026
10/100/1000BASE-T Ports	6		20	20	24
10/100/1000BASE-T/SFP Combo Ports		4	4	4	4
Optional 10G Uplink Module					2 Slots for XFP or CX4
Console Port	RJ45	RJ45	RJ45	RJ45	RS-232
Power-over-Ethernet			Yes (802.3at)		Yes (802.3af)
PoE Power Budget			370W (740W w/RPS)		370W
Switching Capacity			48 Gbps	48 Gbps	88 Gbps
Max. APs/unit - default	6	64	12	12	64
Max. APs/unit - upgrade	24	256	48	48	
Max. APs/Peer Group - default	24	256	48	48	256
Max. APs/Peer Group - upgrade	96	1024	192	192	
Redundant Power Supply			DPS-700	DPS-200A	DPS-600
Additional AP License Upgrades	DWC-1000-AP6-LIC	DWC-2000-AP32-LIC DWC-2000-AP64-LIC DWC-2000-AP128-LIC	DWS-3160-24PC-AP12-LIC DWS-3160-24PC-AP24-LIC	DWS-3160-24TC-AP12-LIC DWS-3160-24TC-AP24-LIC	
VPN/Router/Firewall License Upgrade	DWC-1000-VPN-LIC				
Web Content Filtering 12-month License Upgrade	DWC-1000-WCF-12-LIC				

PoE Power Injectors	Injectors
	
	DPE-301GI
Supported speeds	10/100/1000BASE-T
Max power	30W
PoE Standards	IEEE 802.3af / 802.3at

D-Link Central WifiManager Controller	Software
	
	CWM-100
Web-based management	✓
Multi-site management	✓
NAT pass-through	✓
Captive portal and access control	✓
Auto RF management	✓
Bandwidth optimization	✓

Comprehensive Service and Support

D-Link Professional Services and Support for business ensures you get the best fit solution for your unique environment.

Call or visit us online for more information on the complete line of D-Link Wireless solutions:

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