



QUEENS LINK TECHNOLOGY

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11ac 1200Mbps High Power Outdoor Wireless AP

Model: D360G

D360G

1200Mbps Dual Band Gigabit Outdoor Wireless Access Point

- Professional outdoor shell, IP65 dust-proof/water-proof level, no fear of wind and rain
- Industrial grade CPU, operate steadily in wide temperature during $-40 \sim +70^{\circ}\text{C}$
- 4x5 dBi omni high gain antennas total of 20dBi
- Up to 128+ online users

Professional outdoor shell design, IP65 dust-proof/water-proof level

Adopt ABS outdoor engineering plastic shell and industrial components, to provide IP65 level water-proof, dust-proof and lightning protection, adapt to wind, sun, thunderstorm, snow and freeze or other adverse environments, even in extreme high and low temperature ($-40 \sim +70^{\circ}\text{C}$) environment, can work normally and steadily as well.

Description:

QLT D360g is an Qualcomm Solution 11ac high power industrial use Outdoor wireless access point with the next generation 802.11ac Wi-Fi standard, Omni Directional CPE, combined 1200Mbps Wi-Fi speed over 2.4GHz(300Mbps) and 5GHz(900Mbps), fast Ethernet data rate make 100+ end users can access into it to enjoy seamless HD movies, streaming, online gaming, wireless security and other bandwidth-intensive tasks.



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ABS waterproof, dust proof and sunscreen shell, temperature adaptive and board protective

with ABS waterproof, dust proof and sunscreen shell, avoid the damage from dust, rainy weather.

Meantime, it adaptive to various environment, the working temperature can be normal at -40°C to 55°C.

Suit for any country.

High Power, 5dBi omni antenna, more WiFi Range

Designed in two line Power Amplifier on PCB board, the power can be 500mW high power, build in 4PCS omni antenna, outdoor WiFi range up to 300-500 meters.

Power over Ethernet

D360g has integrated Power over Ethernet (PoE), for easy installation and lower cost. So it can be installed in areas where power outlets are not readily available, eliminating the mess of altering existing network infrastructure. Pls note, the default is 24V Passive PoE;

Access Controller System & Cloud Management System

Work with WLAN controller in wireless AP operation mode, easily access advanced network settings through PC, like AP status monitor, change IP address, ESSID, Channel, Password, upgrade firmware, backup and restore....

Then work with Cloud Management System, easy to do central and remote management, advertisement and multi authentication make this device more professional in WiFi Projects.

Main Features:

- Comply with IEEE 802.11ac/b/g/n, dual band, 1200Mbps Data Rate
- 1*10/1000Mbps WAN Port, 1*10/1000Mbps LAN Port
- 500mW high power, Qualcomm Chipset, 16M Flash, 128M DDR2 RAM, more user, more stable
- Support 24V Passive PoE, with 24V/1A PoE adapter
- Support SSID broadcasting, Multi SSID up to 8 (4 SSID in 2.4GHz, 4 SSID in 5GHz), support tag VLAN based on SSID to protect the whole data safety.
- Support Gateway (PPPOE, static IP, dynamic IP) , Wireless AP, Repeater, WISP operation mode
- With function of firewall, IP filter, URL filter and MAC filter
- Comply with IEEE 802.3az standard, RF power adjustment and frequency analyzer for better application in different environment
- Support DDNS, VPN pass through, Port forwarding and DMZ host ● Support 64/128-bit WEP security, 128bit WPA (TKIP/AES) security



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Product Spec.:

Hardware:	
Chipset	Qualcomm QCA9563+QCA9887
Standard	802.11ac/b/g/n, MU-MIMO technology
Memory	128MB DDR2 RAM
Flash	32MB
Interface	1 * 10/100Mbps RJ45 WAN Port
	1 * 10/100Mbps RJ45 LAN Port
	1 * Reset button, press 15 seconds to revert to default setting
Antenna	4PCS omni antenna, 5dBi
Power consumption	24V PoE<10W
Size	315mm * 145 mm * 80 mm
RF Data	
	2.4G: 802.11b/g/n; 5GHz: 802.11a/n/ac

Frequency	2.4GHz: 2.4~2.4835GHz, 5GHz: 5180~5825MHz
Country code	FCC, IC, ETSI, MKK, MKK1, MKK2, MKK3, NCC, RUSSIAN, CN
Modulation	OFDM = BPSK, QPSK, 16-QAM, 64-QAM
	DSSS = DBPSK, DQPSK, CCK
Data Rate	1200 Mbps (2.4G 300Mbps, 5.8G 450Mbps)
Receive Sensitivity & RF Power	
RF Power	2.4G: 11n @MCS7:22±2DB, @MCS0:24±2DB. 11g @54M:23±2DB, @6M:25±2DB. 11b @11M:25±2DB, @1M:27±2DB. 5.8G: 11a @54M:22±2DB, @6M:24±2DB. 11n @MCS7:20±2DB, @MCS0:22±2DB. 11ac @MCS9:19±2DB, @MCS0:21±2DB.



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Receive Sensitivity	2.4G: 11n: -70dbm@MCS7, -88dbm@MCS0. 11g: -72dbm@54Mbps, -88dbm@6Mbps. 11b: -85dbm@11Mbps, -94dbm@1Mbps. 5.8G: 11a: -72dbm@54Mbps, -90dbm@6Mbps. 11n: -70dbm@MCS7, -90dbm@MCS0. 11ac: -60dbm@MCS9, -86dbm@MCS0.
EVM	11n: ≤-28 DB 11g: ≤-25 DB 11b: ≤-10 DB 11a: ≤-25 DB
PPM	±20ppm
Firmware Features:	
Operation mode	Wireless AP, Gateway, WISP, WiFi Repeater
WAN Type	Dynamic IP/Static IP/PPPoE/L2TP(Dual Access) /PPTP(Dual Access)
Wireless Security	64/128-bit WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK, 802.1x encryption
SSID	Multiple SSID (4 SSID for 2.4G, 4 SSID for 5.8G)
Firewall	DoS, SPI Firewall, IP Address Filter/MAC Address Filter/Domain Filter IP and MAC Address Binding
Protocols	IPv4
Others:	
Package Contents	1200Mbps Dual Band wireless access point PoE Adapter Ethernet Cable Quick Installation Guide Setting Accessory
System Requirements	Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, Windows 8, MAC OS, NetWare, UNIX or Linux
Environment	Operating Temperature: -40~55 °C, Storage Temperature: -40~70 °C Operating Humidity: 10%~90% non-condensing; Storage Humidity: 5%~90%



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	non-condensing
Management	Firmware GUI , Remote Management, WLAN Controller, Cloud Management System