DUXNET

PRODUCT DATASHEET

Outdoor Wi-Fi Access Points



Elevate your Outdoor Wireless to the Next Level

OVERVIEW

Take your wireless networking to the next level with the DuxNet Outdoor Wi-Fi Access Point Range. Engineered for high-performance connectivity in challenging outdoor environments, this range combines durability with cutting-edge technology to provide seamless coverage across large outdoor spaces. Whether you're powering a campus, outdoor venue, or industrial site, these weatherproof access points deliver reliable, next-level connectivity no matter the conditions.

MAIN FEATURES

- **Rugged, Weatherproof Design:** Built to withstand extreme weather conditions, the DuxNet Outdoor Access Points are designed for durability, ensuring reliable performance in rain, wind, or high temperatures.
- **High-Speed Performance:** These access points offer high-speed data transfer rates, ensuring smooth connectivity even in high-traffic outdoor areas, supporting demanding applications like HD streaming, video surveillance, and data-heavy tasks.
- **Wide Coverage Area:** Optimized for outdoor environments, DuxNet Outdoor Access Points provide expansive coverage, making them ideal for large outdoor spaces such as campuses, parks, warehouses, or construction sites.
- **PoE Support:** Installation is streamlined with Power over Ethernet (PoE), reducing the need for extra wiring and making it easy to deploy these units in remote or hard-to-reach areas.
- **Scalability and Flexibility:** Whether you're starting with a single unit or building an extensive outdoor network, the DuxNet range can easily scale to match your growing requirements, providing flexible solutions for both small and large setups.
- **Affordable Quality:** Despite their advanced features and robust performance, DuxNet Outdoor Wi-Fi Access Points are highly affordable, offering premium quality without the premium price tag.

OUTDOOR WI-FI ACCESS POINTS

Model Name	11AX Series DUX840AP0	11ac Dual Band - 1200Mbps DUX420AP0
		
Chipset	Qualcomm IPQ6000	Qualcomm QCA9563
Flash	256MB	16MB
RAM	1024MB	128MB
Standard	IEEE802.11ax/ac/b/g/n	IEEE802.11ac/b/g/n
Frequency	2.4GHz+5.8GHz	2.4GHz + 5.8GHz
Wireless data rate	591Mbps+1238Mbps	300Mbps + 900Mbps
WAN	1 * 10/100/1000Mbps	1 * 10/100/1000Mbps
LAN	1 * 10/100/1000Mbps(Inside of shell)	1 * 10/100/1000Mbps
DC	-	DC:12V 1.5A
PoE Power	IEEE 802.3at 48V POE	IEEE 802.3at 48V POE
Lightning Level	Common mode: 6KV; Differential mode 2KV	Common mode: 6KV; Differential mode 2KV
Antenna	4*N type connector	Omni 5dBi antenna
RF Power	200mW	500mW
Water-proof Level	IP67	IP65
Operation Mode	AP	AP, Gateway, WISP, Repeater Working Mode
Wave 2.0	Support	Support
Distance	Based on connected antennas: omni 8dBi antenna: Up to 400 meters	Up to 400 meters
Firmware	OPENWRT Firmware	1. SDK Firmware 2. OPENWRT Firmware
QTY of users	200	Max: 128, Recommended: 100
Firmware Feature	1. Support Multi SSID up to 8 2. Supports intelligent load balance based on user 3. Support seamless roaming and low rate terminal access 4. Support Wi-Fi channel analysis 5. Support WLAN Controller Central Management and cloud server remote access / management	1. Support Multi SSID up to 8 2. Supports intelligent load balance based on user 3. Support seamless roaming and low rate terminal access 4. Support Wi-Fi channel analysis 5. Support WLAN Controller Central Management and cloud server remote access / management
Accessory	4*6dBi dual band omni antenna, User Manual, Install accessory, LAN cable	User Manual, Install accessory, LAN cable

*Actual wireless transmission rate, wireless coverage and range, and number of connected devices are not guaranteed. Range and coverage specifications along with the number of connected devices were defined according to test results under normal usage conditions and will vary as a result of environmental factors and network conditions.

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Free Telephonic Support

Limited Lifetime Warranty