

Dualband Outdoor Access Point (DOA)



C-DOT Wi-Fi 5 Dualband Outdoor Access Point (DOA) is

- › Cost effective,
- › High throughput,
- › Exceptionally reliable,
- › Modular and effective wireless solution

for outdoor use cases such as PM-WANI/Public Wi-Fi Hotspots in urban and rural requirements.

This is indigenously designed and developed product complies to IEEE 802.11 a/b/g/n/ac standard. The AP supports 2x2 MIMO concurrent operation in dual band 2.4 GHz & 5 GHz for 20/40/80MHz channel bandwidths.



Particular	Dualband Outdoor Access point (DOA -1200)
Standard	IEEE 802.11 a/b/g/n/ac
PM-WANI Compliant	Yes
WAN Port	1x 1G Ethernet/auto-sensing or 1x 1G Optical SFP+ (Optional)
Power Source	PoE (802.3 af/at)
Radio	2 Wi-Fi Radios, Dual Band (2.4GHz and 5GHz) concurrent operation
Data Rate	866 Mbps in 5GHz Radio & 300 Mbps in 2.4GHz Radio
Clients Supported	128 (64 clients per radio)
Max Tx Power	23 dBm
Coverage	Up to 120m
Mode	Bridge, Router
Roaming Feature	IEEE 802.11r
Authentication Support	RADIUS protocol supported for external AAA server
Encryption Support	TKIP (WPA), AES-CCMP (WPA2)
BSSID Supported	16 (8 BSSID per radio)
Management	TIP Controller, C-DOT EMS, Data, syslog capture for audit and analysis
VLAN/QoS/Encryption/Authentication/ Other standards	802.1Q VLAN/802.11e/WMM/ 802.1x/802.11i/802.11s/WDS
Operating condition	Temp: -20°C to +55°C Humidity: 10 to 95% non-condensing
Remote upgrade	Yes
Operating Power	Max: 10W (Input Voltage Range: 12V to 55V DC)
Services Supported	Voice, Video & Data
Enclosure	IP65/67 Outdoor Unit
Audio Indication	Yes (Power up, booting, Ready)
Deployment Scenario	Outdoor Hotspot, MESH
Housing/Mounting	IP67, Pole mount, Lightning and Overvoltage Protection Withstand high speed winds/thunderstorms
Antenna	Internal Omni