



Sabal

...Speed
Unmatched



C-DOT's High Speed Access Point

C-DOT's High Speed Access Point is a high throughput, high power, exceptionally reliable, modular and effective wireless solution for indoor/outdoor use cases. The indoor/corridor/outdoor Access point (AP) complies with IEEE 802.11ac standard and is backward compatible to IEEE 802.11a/b/g/n standards. The AP has triple software programmable radios to support 2.4 GHz & 5 GHz concurrent users. It supports a minimum of 2x2 MIMO on both the radios/bands and can be extended up to 4x4.

Features

- Aggregate data rate throughput of 1.73 Gbps on single radio with 160 MHz radio spectrum in 5 GHz ISM band
- Up to 26 dBm of output power per radio
- High Receive Sensitivity > -90 dBm
- Active operator sharing, VLAN tagging, user based QOS, Multiple SSID
- Supports Omni-directional / directional patterns
- Complied to Wi-Fi alliance standards WMM, WMM-PS, 802.11d, 802.11h and 802.11e
- 0° to 40° C - Operating temperature range; 10% to 90% non-condensing - humidity range
- System management using C-DOT EMS and NMS
- Supports 802.1Q
- Supports 20/40/80/160 MHz channel bandwidths
- Integrated NAT, DHCP support and Routing support
- Robust design for durability
- Wall / Ceiling mountable
- Two RJ-45 ethernet ports of 10/100/1000 Mbps
- 10G backhaul for high bandwidth applications
- Dual power operation using power adaptor and POE. Compatible with 802.3 at /af Power over Ethernet (PoE) /AC/DC adapter
- Protocol: Supports IPv4 & IPv6 and Extensible Authentication Protocol (EAP) – TLS, TTLS, MSCHAPv2, PEAP v0, EAP-MSCHAPv2, PEAP v1, FAST, EAP-SIM, EAP-AKA
- Security: Supports WPA/WPA2-PSK, 802.1X authentication, including AES, and TKIP (in conjunction with AC)
- Configuration, Management using C-DOT Wi-Fi Access controller (WAC)
- Complied to TEC specifications & AP GR
- Table Top, Wall Mount models and IP67 pole mountable models available



Centre for Development of Telematics

Corporate Office:
C-DOT Campus, Mehrauli,
New Delhi - 110 030, India
Phone: +91 11 2680 2856
Fax: +91 11 2680 3338

C-DOT Campus, Electronics City,
Phase-I, Hosur Road,
Bengaluru - 560 100, India
Phone: +91 80 2511 9001
Fax: +91 80 2511 9601

www.cdote.in

