

Sabal

Outdoor High Speed Access Point



...Speed
Unmatched



Sabal is a high throughput, high power, exceptionally reliable, modular and effective wireless solution for outdoor use cases. The outdoor Access point (AP) complies with IEEE 802.11ac standard and is backward compatible to IEEE 802.11a/b/g/n standards. The outdoor 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 1,733 Mbps on single radio with 160 MHz 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
- IP65/IP66 compliant
- Supports 802.1Q
- Supports 20/40/80/160 MHz channel bandwidths
- Integrated NAT, DHCP support and Routing support
- Robust design for durability
- Pole 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



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