

# ALCON<sup>®</sup> Technology Corporation

## High Speed 300Mbps Wireless Ceiling Access Point

Model: ACP24



A 2x2 MIMO-based and 802.3at compliant wireless radio, designed with high output power and elegant casing. Its management utility and user friendly interface provide the ultimate experience of using ceiling AP. It is the best choice for any indoor environment, such as hotel, meeting room, airport, and campus.

**2T2R**  
300Mbps

**802.3at**  
Compliant

**HIGH**  
Power

**Multiple**  
SSID  
×4

### Accessories

	
48v PoE (optional)	Screw & Plastic wall-plug

### AP Specification

Standards Compliance	IEEE 802.11n/b/g; IEEE 802.3; IEEE 802.3u; IEEE 802.3at PD
SDRAM	32M Bytes
Flash	8M Byte
Radio Frequency Type	DSSS / OFDM
Modulation	IEEE802.11b: CCK, DQPSK, DBPSK IEEE802.11n: OFDM with BPSK, QPSK, 16QAM, 64QAM
Frequency Band	America/FCC: 2.412~2.462 GHz (11 channels) Europe CE/ETSI: 2.412~2.472 GHz (13 channels)
Transmission Power	Up to 28dBm
Transmission Rate	IEEE 802.11b: 1/ 2/ 5.5/ 11 Mbps IEEE 802.11g: 6/ 9/ 12/ 18/ 24/ 36/ 48/ 54 Mbps IEEE 802.11n (2x2 HT20): 13.5/27/40.5/54/81/108/121.5/135 @ GI=800ns 15/30/45/60/90/120/135/150 @ GI=400ns IEEE 802.11n (2x2 HT40): 27/54/81/108/162/216/243/270 @ GI=800ns 30/60/90/120/180/240/270/300 @ GI=400ns
Access Point Interfaces	Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45
Sensitivity	-93@1Mbps; -84dBm @ 11Mbps; -75dBm @ 54Mbps; -68dBm@HT-20, MCS-15; -64dBm@HT40, MCS-15
Antenna Type	9dBi MIMO antenna
Security Systems	64-bit / 128-bit WEP encryption; Wi-Fi Protected Access (WPA) / WPA2

Wireless Setting	Operation Mode – AP / Pt(M)P Bridge / Client / Repeater
Software/Firmware	Site survey DHCP Client Suppressed SSID Station Separation Spanning Tree settings Wireless access control by MAC address filter (up to 50) Support multiple SSID with 802.1q VLAN tagging (up to 4) Profile isolation from each other using VLAN (802.1q) standard Web-based configuration via popular browser (MS IE, Google Chrome...) Windows AP Locator utility for fast management Firmware upgrade and configuration backup via Web Browser Reset and/or restore to default by WebUI or by Reset button Support Auto-reboot & schedule reboot VPN pass-through SysLog Support SNMP v1/v2c, MIB I, MIB II (RFC-1213) Support QoS (WMM) and wireless traffic shaping & Time settings Support Time settings, Ping function and Trace Route function Maximum clients 128 (each VLAN supports 32 clients)
Operating Environment	0° ~ +50°C
Power	802.3at PD complied, 48 Volts by external PoE Injector
Regulatory Approval	RoHS, FCC
Network Management System Browser Support	Standard SNMP interface support Windows XP, Vista, Windows 7, Windows 8
Warranty	One year limited

