High Speed 300Mbps Super Long Range Wireless Ceiling Access Point
Model: ACP-2405n

Features

- Wireless LAN 802.11n and 802.11b/g compliant
- Multi-function: AP, Repeater and WDS
- 300Mbps (2T2R)
- Advanced MIMO technology
- Gigabit Auto-negotiation LAN port for LAN connection
- Support power adapter & PoE
- WebUI management interface
- Powerful network security with 64/128-bit WEP encryption, WPA, and WPA2
- Auto MDI/ MDIX
- Support VLAN & SNMP
- Watchdog function

ACP-2405n is an advanced ceiling AP based on 802.11n standard with 300Mbps data rate using MIMO (Multiple In & Multiple Out) technology to increase coverage. There are 4 operation modes and strong security mechanism for various application demands. ACP-2405n is the best choice for you!

Standard Accessories

Switch Adapter	Screw & Plastic wall-plug	RJ45 Crossover Cable	(Option) PoE & Power Cord

AP Specification

Standards Compliance	IEEE 802.11 n/b/g; IEEE 802.3; IEEE 802.3u; IEEE 802.3p; IEE802.3x; IEEE 802.3af
SDRAM	16M Bytes
Flash	2M Byte
Radio Frequency Type	DSSS / OFDM
Modulation	OFDM: BPSK, QPSK, 16-QAM, 64-QAM, DBPSK, DQPSK, CCK
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 20dBm
Transmission Rate	IEEE 802.11b: 1/ 2/ 5.5/ 11Mbps

	IEEE 802.11g: 6/ 9/ 12/ 18/ 24/ 36/ 48/ 54Mbps IEEE 802.11n: See Below Chart				
	MCS	Guard Interval 800ns		Guard Interval 400ns	
		20MHz(Mbps)	40MHz(Mbps)	20MHz(Mbps)	40MHz(Mbps)
	0	6.5	13.5	7.2	15
	1	13	27	14.4	30
	2	19.5	40.5	21.7	45
	3	26	54	28.9	60
	4	39	81	43.3	90
	5	52	108	57.8	120
	6	58.5	121.5	65	135
	7	65	135	72.2	157.5
	8	13	27	14.4	30
	9	26	54	28.9	60
	10	39	81	43.3	90
	11	52	108	57.8	120
	12	78	162	86.7	180
	13	104	216	115.6	240
	14	117	243	130	270
	15	130	270	144.4	300

Access Point Interfaces	Auto MDI/MDI-X Ethernet 10/100/1000 Base-TX: RJ-45
Sensitivity	IEEE 802.11b: -92dBm @ 1Mbps; -85dBm @ 11Mbps, PER < 8% IEEE 802.11g: -88dBm @ 6Mbps; -73dBm @ 54Mbps, PER <10% IEEE 802.11n:-90dBm@MCS8; -70dBm@MCS15, PER <10%
Antenna Type	2 printed antennas
Security Systems	64-bit / 128-bit WEP encryption; Wi-Fi Protected Access (WPA) / WPA2
Wireless Setting	Operation Mode – AP / Repeater / WDS PtP and PtMP
Software/Firmware	DHCP Server / Client Suppressed SSID Station Separation Wireless access control by MAC address filter (up to 50) Web-based configuration via popular browser (MS IE, Netscape…) Firmware upgrade and configuration backup via Web Browser Reset to default by WebUI or by Reset button VPN pass-through (PPTP, L2TP, IPSEC) Traffic Measurement: Per Interface Bandwidth Measurement: IP Range & Bandwidth Management Backup & Restore Settings Through Web SysLog SNMP v1/v2c MIB support: MIB I, MIB II (RFC-1213) and Private MIB Support QoS(WMM) Support Time settings
Operating Environment	Operating Temperature: 0 ~ +40°C; Storage Temperature:-40 ~ +70°C; Operating Humidity: 10% ~ 90% RH non-condensing; Storage Humidity: 5% ~ 90% RH non-condensing
Power	DC12 Volt ± 5%; 1.25A(Max.) or DC 48 Volt ± 5%; 0.4A (Max.); AC adapter AC 100V ~ 240V
Power Consumption	6W
Regulatory Approval	CE; RoHS
Network Management System Browser Support	IE / Safari / Chrome / Firefox / Opera
Warranty	One year limited