



ICP-A2427T4

802.11b/g Hi-Power 500mW Ceiling AP

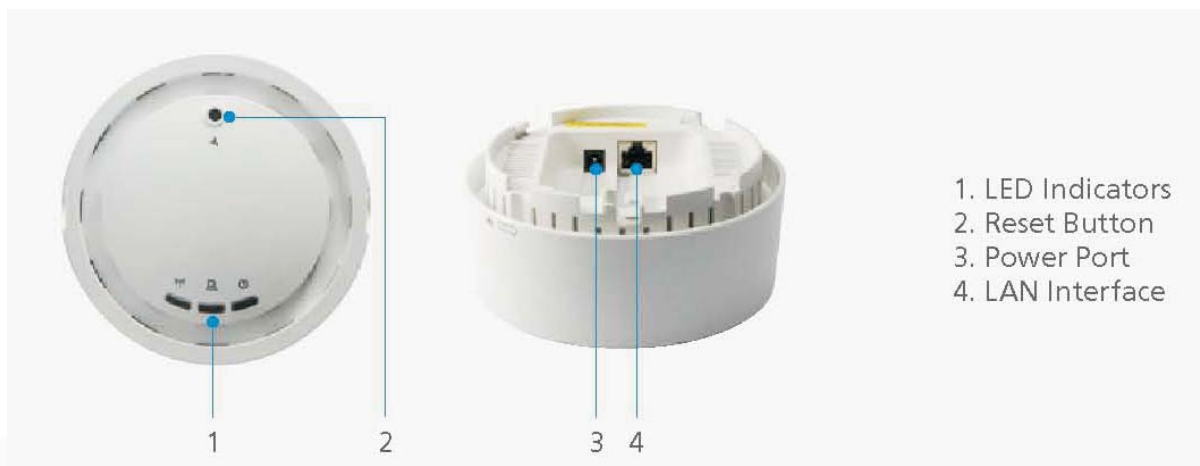
- Complies with the IEEE 802.11b/g 2.4GHz Standard
- Compact Size, Light Weight, Invisible Cable
- Windows "Locator" program to help find IP in DHCP client mode
- Support QoS (WMM) to enhance user performance and density
- Support Multi-SSID function (4 SSID) in AP mode



The ICP-A2427T4 Wireless ceiling AP integrates 802.3af Power over Ethernet (PoE) is designed to target at most effective, Home, and SOHO. The built-in PoE feature allow you to add wireless access to existing business network without extra power adapter.

The Unit complies with IEEE802.11b/g 2.4GHz standard provide high-speed data transmission up to 54Mbps, and its high power with built-in 4dBi antenna and high sensitivity features offer a solid coverage of the entire room. With the install mounting kit package included, the ceiling AP plug in easy in under 10 minutes.

The ICP-A2427T4 complies with IEEE802.11b/g 2.4GHz specifications. Through the Web management interface, you can run in AP, Repeater, and AP+WDS. Advanced wireless security option of WEP, WPA, WPA2 is provided, and supports 4 SSIDs for separate control and access configuration. It also can be easy configuration and monitoring through the use of a Web-browser based Web UI, and SNMP commands from a remote SNMP management station, and Locator utility for users to automatically discover the device.



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Specification

Standards Compliance

- IEEE 802.11b
- IEEE 802.11g
- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3af

MCU

- Atheros AR2316, 180MHz

SDRAM

- 16 M Byte

Flash

- 4 M Byte

Radio Frequency Type

- DSSS / OFDM

Modulation

- IEEE 802.11b: CCK, DQPSK, DBPSK
- IEEE 802.11g: 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

- IEEE 802.11b: 27dBm@1~11Mbps
- IEEE 802.11g: 22 dBm@54Mbps; 23dBm@48Mbps; 25dBm@36Mbps; 26dBm@6~24Mbps

Transmission Rate

- IEEE 802.11b: 1/ 2/ 5.5/ 11Mbps
- IEEE 802.11g: 6/ 9/ 12/ 18/ 24/ 36/ 48/ 54Mbps

Access Point Interfaces

- Auto MDI/MDI-X Ethernet 10/100Base-TX: RJ-45

Sensitivity

- IEEE 802.11b: -97dBm @ 1Mbps; -89dBm @ 11Mbps, PER < 8%
- IEEE 802.11g: -92dBm @ 6Mbps; -74dBm @ 54Mbps, PER < 10%

Antenna Type

- Integrated 4dBi directional embedded antenna (Diversity support)

Security Systems

- 64-bit/128-bit/152-bit WEP encryption;
- Wi-Fi Protected Access (WPA) WPA2

Wireless Setting

- Operation Mode – AP/ Repeater/ AP+WDS
- Adjustable transmit power by 1dBm step

Software/Firmware

- Site Survey
- DHCP Client
- Suppressed SSID
- Profile Isolation
- Station Separation
- Wireless access control by MAC address filter (up to 50)
- Multiple SSID with 802.1q VLAN tagging (up to 4 SSIDs)
- Web-based configuration via popular browser (MS IE, Netscape...)
- Windows "Locator" program to help find IP in DHCP client mode
- Firmware upgrade and configuration backup via Web or Telnet
- Reset to default by WebUI or by Reset button
- VPN pass-through (PPTP, L2TP, IPSEC)
- 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 ~ +50°C

Power

- DC12 Volt \pm 5%; 2A(Max.) or DC 48 Volt \pm 5%; 0.4A (Max.) AC adapter AC 100V ~ 240V

Regulatory Approval

- FCC Part 15; ETSI 300/328/CE

Network Management

System OS Support

- Windows 2000/XP/Vista Home BASIC

Warranty




- One year limited

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Product Diagram

-  Ethernet Cable (RJ 45)
-  Phone Line (RJ 11)
-  PoE

