

The Wi-Gate 300-7 Indoor AP

With a ½ mile radius Wi-Fi signal range, unmatched durability and a Pentium 4 class processor, the Wi-Gate 300-8 is Wialan's most robust and intelligent wireless network Access Point (AP).

Our Wi-Gate series APs makes enterprise wireless solutions affordable because of the built-in features that essentially create a full fledge distributed network capable of managing bandwidth usage, 250 simultaneous Virtual Private Network (VPN) connections and any Internet Protocol (IP) based application you can throw at it (Internet, VoIP, IP cameras, etc.)

The Wi-Gate's superior range results in huge savings in both installation and implementation. Our optimized and streaminted technology equates to the widest, highest quality coverage and best end-user connectivity at the lowest cost available.



Special Features

- Proprietary high speed embedded Linux distribution

- Unsurpassed network processing power

- Industrial grade radios

- One and two radio versions

- 2.4 GHz 300 mW Radio

- 4.9 GHz 400 mW Radio (public safety licensed)

- 5.8 GHz 300 mW Radio (assembled upon order)

- Router, bridge and repeater modes

- Interoperable Wi-Fi (WECA) certified parts

- Patented hermetically sealed enclosure

- Modular Design

Enclosure Dimensions:

WG-300-7	11in (H)	9 in (W)	6 in (D)
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Internal Specifications

- Pentium 4 class processor

- High Speed DDR DRAM

- Solid-State Mass Storage

- Maglev fan

IP Based Applications

- Business Networking
- Guest Wi-Fi amenity service
- IP Video Surveillance
- Access Control
- Biometrics Control
- VOIP
- Integrates with any IP based system

Wireless Standards

- NAT Support
- DHCP Server and Client
- DNS Relay
- 802.11 a/b/g
- Wimax™ ready

Interface Connections

- 10/100 RJ-45 w/auto-detect (3: 1 external, 2 internal)
- PoE 18V DC external, 18 W (up to 200 ft.)
- PoE 48V DC external, 18 W (up to 300 ft.)
- RS-232 Console Port (internal)

Warranty

1-year limited hardware warranty

Security Features

- Serial, Web and SSH Password
- Filtering by MAC or IP address
- 2-Level User Access
- Address blocking and firewall
- WPA-PSK wireless encryption
- Built in VPN server 128 bit MPPE encryption
- MS-Chap v2 user authentication

Management

- SNMP read only mode
- Web based configuration and management interface
- SYSLOG reporting
- Bandwidth Shaper
- Built-in Traffic Analyzer

Environmental Specifications

- Operating Temp: 0° to 40°C, 32° to 104°F
- Storage Temp: -40° to 70°C, -40° to 158°F
- Humidity Range: 5% to 95% (non-condensing)
- UL listed NEMA 3,3R, 4, 4X, 12, & 13
- JIC Standard enclosure & CSA Certified



Wigate Access Points... where no WiFi has gone before