

# ACCESS POINT CONTROLLER

*Controlling any things!*



**Guépard AC3000/GAPC-0516-07**

EUROPEAN TECHNOLOGY

## Using Multi-purpose



### Auto detecting wireless APs, **max 200PCS wireless AP** can be managed

**Auto-IP detection and assignment:** AC3000/GAPC-0516-07 can detect all connected wireless AP, then assign an IP address for each AP automatically;

**Manage and control:** AC3000/GAPC-0516-07 can set AP's SSID, Password, channels at the same time; It's easy to operate APs, like upgrading firmware, restarting, resetting, then adjust subscriber's quantity, wireless coverage, transmit power, making wireless signal more stable, improve wireless networking quality.

**Tag VLAN:** AC3000/GAPC-0516-07 support tag VLAN to manage AP, maximum 24 VLAN supportive. Connected with VLAN switch, deployed in networking as the bypass mode, it can realize information communication between each VLAN.

**Real Time Monitor and Analyze:** AC3000/GAPC-0516-07 will monitor and analyze wireless AP all the time, then show AP's working status on Web manage page, make maintainer easy to maintain the whole networking.

**Support Web management and Web remote Management:** AC3000/GAPC-0516-07 support Web management, simple and clear. Then it support Web remote management, if the maintainer in another city, easy to control this AC controller by remote management, then monitor and maintenance the whole networking, saved much cost like human cost and transportation cost;

**Gigabit WAN/LAN Port,** can work as router in the whole networking diagram AC3000/GAPC-0516-07 support router operation mode, such as PPPoE, Static IP, Dynamic IP and PPTP, then with **1x10/100/1000Mbps WAN Port**, **4x10/100/1000Mbps LAN port** in this operation mode, supply faster ADSL, Optical Internet.

### VARIETY SECURITY METHOD TO GUARANTEE THE NETWORKING SAFETY

AC3000/GAPC-0516-07 support TAG VLAN to binding SSID, different SSID can bound with different Tag VLAN, then make different SSID isolated to ensure data security.

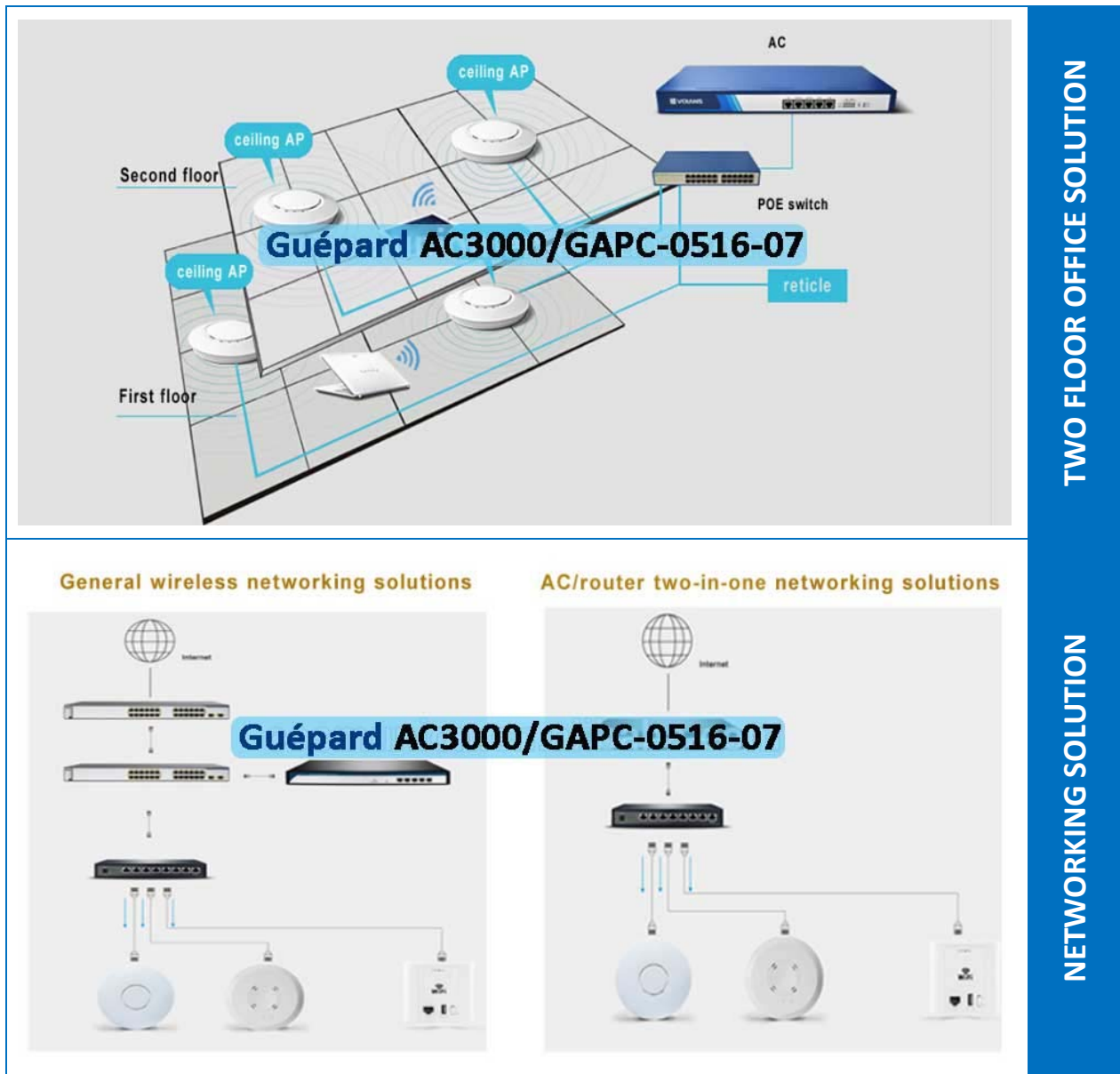
Besides that, AC3000/GAPC-0516-07 support multi **firewall function: IP port filtering, MAC filtering, URL filtering, Port forwarding, DMZ...** This allows user to access the networking in rules to protect and ensure the special networking application in safe, such as internet bank, FTP, H.323, IPsec/PPTP VPN.

## QUALITY OF SERVICE(QOS) FUNCTION

AC3000/GAPC-0516-07 support Quality of Service based on bandwidth control, adopt bidirectional bandwidth control based on IP and MAC, it avoid BT, Thunder and other P2P applications to take excessive bandwidth, solution for low throughput, dropped packets, errors, latency, guarantee for freely Internet.

**Low power consumption** energy saving and environment protection AC3000/GAPC-0516-07's running power consumption is lower than 5W, low heat, energy saving and environment protection, can prolong AC3000/GAPC-0516-07 's operation life.

## Business solution diagram



## Specification

| HARDWARE   |   |
|--|---|
| CPU  | MediaTek (CPU dual-core) 880 MHz  |
| Flash  | 128 Mb  |
| Memory   | 2048 Mb DDR3 RAM  |
| Interface (5 x Gigabit Ethernet Port)  | LAN Port: 4 x 10/100M/1000M RJ45 port (Auto MDI/MDIX)<br>WAN/LAN Port: 1 x 10/100M/1000M RJ45 port (Default is LAN port, WAN port when open WAN mode) |
| LED Indicator  | Power: Adapter  |
|  | Run: System status  |
| Cooling  | Nature cooling + Fan cooling  |
| Power Consumption  | < 5W  |
| Power  | 100-240V ~ 50/60Hz  |
| Size/ Weight   | L 44 cm x W 20cm x H 4.5 cm / < 2.5 Kgs   |
| MANAGEMENT   |   |
| Standard Protocol  | IEEE 802.3, IEEE 802.3u   |
| Centralized management (for many APs: to 200 pcs)                                      | Centralized management ability (Auto Detecting wireless APs)<br>Max: 200 APs  |
| System Settings  | Web-based configuration   |
| Firmware Upgrade   | Upgrading firmware feature  |
| Administration   | Admin Password can be configured  |
| System monitoring  | Monitor AP status in real-time, auto-inspection AP's working status(up or down), show each ap status under interface page;                            |
| QoS  | Status/ Setup uploading & downloading bandwidth/ IP range of bandwidth/MAC/ Max bandwidth rules.  |
| Firewall   | IP/Port Filtering; MAC Filtering; URL Filtering; Port Forwarding; DMZ Settings.   |
| Intelligent Gateway  | WAN/LAN Settings  |
| User management  | User/Password; Device log; System time; Firmware  |
| PHYSICAL PROPERTY  |   |
| Temperature  | Working: 0°C~40°C/ Storage: -40°C to 70°C   |
| Humidity   | Storage Humanity : 5%~90%RH (No condensation)   |
| TECHNOLOGY & QUALITY   |   |
| EUROPEAN TECHNOLOGY / 100% PRODUCTS CHECKED BEFORE SHIPMENT/ 18 MONTHS WARRANTY POLICY |   |
| ASSEMBLE IN CHINA  |   |
| PACKAGE  |   |
| Guépard AC3000/GAPC-0516-07 complete set/ Power cable/ User Manual                     |   |