

AP+VOIP 802.11n 300M AP with VoIP and HNAT

G801

- 1 100M port (WAN) , 4 100M RJ45(4LAN)
- IEEE802.11n 2T2R 300Mbps wireless
- 5dBi external antenna
- Hardware NAT(HNAT) engine with 100Mbps NAT/NAPT speed
- Wireless throughput is above 80Mbps in average
- Rich QoS capability in wired and wireless
- Real time FAX over IP via T.38 and T.30 FAX with G.711
- PAMS is above 4.0 with G.729 Codec
- Auto-Provisioning-TFTP/HTTP/HTTPS,TR-069,SNMP



Size: (L) 180 x (W) 110 x (H) 30 mm

PLACE ORDER

MODEL	DESC.
G801	1 100M port, 4 10/100M RJ45 ports, 1 FXS, 2T2R

VoIP SoC	• CPU Core: MIPS24KEc(400MHz)
Flash	• 8MBytes Flash
RAM	• 32MBytes DDR2
Power Supply	• AC/DC Adapter • AC Input: 100~240V, 50~60Hz • DC Output: 5V, 2A
I/O Interfaces	• 1 RJ-45 for WAN port (Ethernet 10/100 Base-T) • 4 RJ-45 for LAN port (Ethernet 10/100 Base-T) • 1 RJ-11 for FXS port • Two 5dB Antenna for IEEE802.11n 2T2R Wireless
Environmental	• Operation Temperature: 0~45 Degree C • Storage Temperature: -25~ 85 Degree C • Relative Humidity: 10%~90% No Condensing • Shock: Up to 75cm (30 inches)
Key Feature	• Hardware NAT(HNAT) engine with 100Mbps NAT/NAPT speed • Wireless throughput is above 80Mbps in average • Support VoIP FXS port with SIP and T.38 FAX

Audio Codec	• G.711 (A-Law, u-Law) with MOS above 4.0 • G.729 with MOS above 3.6 • Adaptive Jitter Buffer Management • Voice Activity Detection • Comfort Noise Generation • Echo Cancellation • T.30 FAX with G.711 • Real time FAX over IP via T.38
Protocols	• SIP V2 (RFC 3261, 3262, 3263, 3264) • Backward compatible with RFC2543 • Session timer (RFC4028) • SDP (RFC2327) • RTP/RTCP (RFC823/903) • NAPTR for SIP URI lookup (RFC2915) • STUN (RFC2030) • ARP/RARP (RFC 826/903) • SNTP (RFC 2030) • DHCP/PPPoE • HTTP Server for Web Management • TFTP/HTTP for Auto Provisioning • Message Waiting Indicator (RFC3842) • DHCP Option Codes for SIP (RFC3361) • DNS/DNS SRV (RFC1706 and RFC 2782) • IEEE802.1Q VLAN/802.1p and IP DSCP

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Wireless	• 802.11 b/g/n support • 4 SSID • Static WEP(64/128bit) • Dynamic WEP(64/128bit) • AES(CCMP/TKIP) • MAC certification • WEP certification • WPA-PAK/WPA-PSK(2.0) • WPA/WPA2 • AP Isolation and MBSSID AP Isolation • WMM • WDS • WPS • Station list • Radius certification and billing • MAC Filter(different from wired MAC Filter)
Applications	• Support NAT mode and Bridge mode • Support DDNS • MAC address cloning • SIP proxy redundancy • NAT Traversal by STUN • Built-in Wired speed NAT Router • DHCP Server and Client • IP conflict detection • VLAN • Flow Control • VPN Pass through (PPTP,L2TP and IPSec) • Port forwarding and DMZ host • Rate Limit per port • Broadcast Storm Control • Classification by physical port, IP port, 802.1p,DSCP and TCP/UDP port • Marking by 802.1p and DSCP • MAC filter per port • Packer filter for port, IP address, protocol and physical port • Firewall defend attack and UDP flooding
Management	• Firmware Upgrade • Web Management Interface • IVR-driven Management Interface • Local and Remote Syslog (RFC3164) • Auto Provisioning • SNTP Time Synchronization • Multi User Level • SNMP v2 • Telnet • TR069 • System Log; local log and remote log
Call Features	• 3-way conference • Call hold • Call forwarding • Call Transfer • Call waiting • Caller ID and CWCID • DTMF Relay: In-band, Out-band and SIP INFO • QoS Layer 3 • Call Log • CID/CWCID • Dial Plan • DTMF Mode: Inband, outband and SIP Info
Dimension	• (L) 180 x (W) 110 x (H) 30 mm
Unit Weight	• 338 g (without package)

