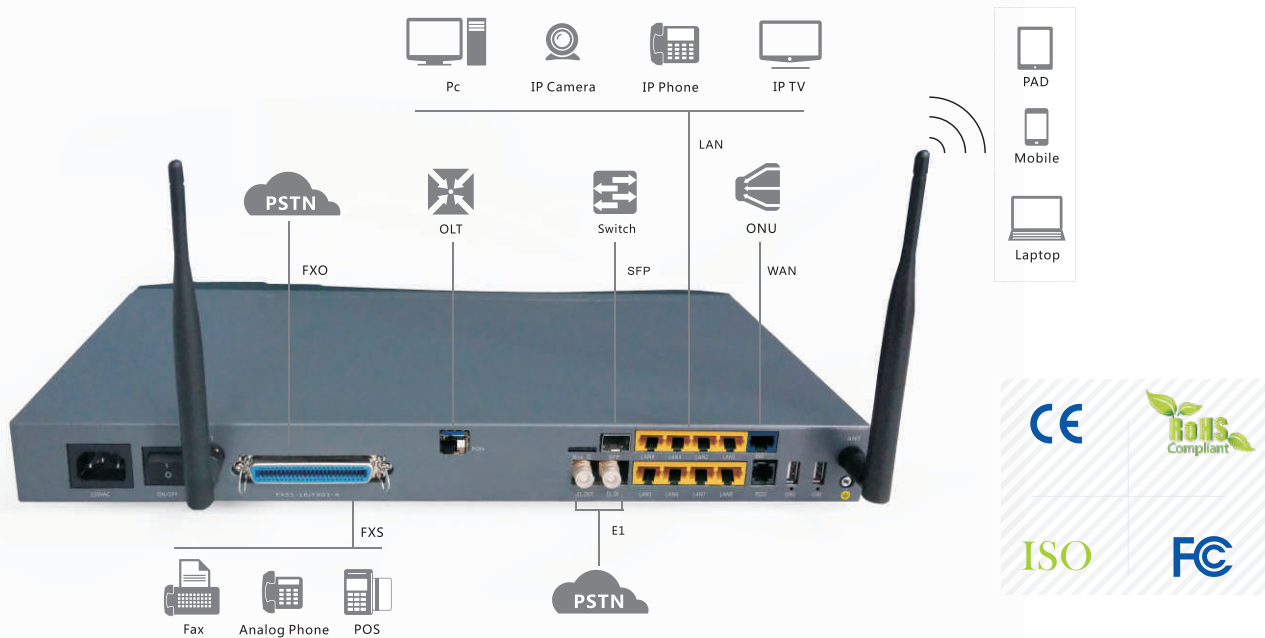


Wireless All In One Intelligent IP PBX BG9016W

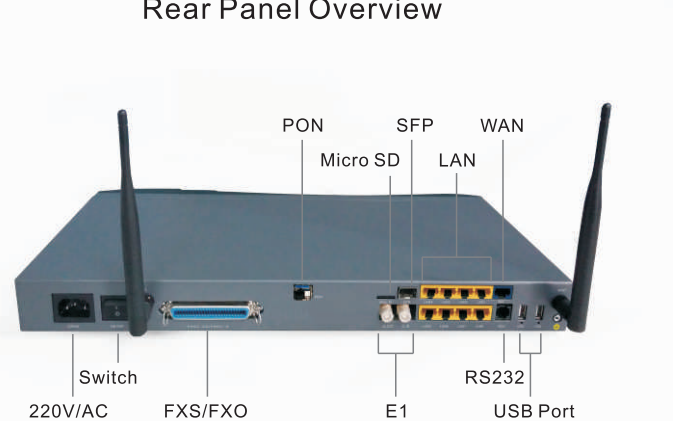
BG900XW series is Gaoke new generation IPPBX based on Asterisk to meet all in one communications requirement of SMBs. It offers VPN function, allowing VoIP calls from locality or remote over VPN tunnel. Under WiFi coverage, users can conveniently manage network and make internal extensions to the cell phones. Through the connection with the legacy PBX or Carrier PSTN network, the users could keep the previous property and build up the new VoIP network quickly and easily. BG900XW has 16 to 32 analog extensions, 4 or 8 analog trunks and maximum 100 SIP extensions.



Front Panel Overview



Rear Panel Overview



Wireless All In One Intelligent IP PBX BG9016W

Specifications

Voice Capacity and Functions

Analog User/Co line	16*FXS+4*FXO(Optional)
E1 Trunking	NO.1/SS7/PRI
Maximum Concurrent Call	32
Maximum Extensions	100
Maximun Conference Rooms	6
Maximun Conference Room Attendance	12
Voice Memory(SD Card 4G)	5 hours Voicemail, 8 hours Records(Maximum 8G SD)
Voice Functions	Strong IPPBX functions as Table IPPBX functions List Support IMS Softswitch Platform

Management

Management Protocol	CLI, SNMPV1/2, TR069, Web
LED Indications	Total 36 LEDS for Power, WAN/LAN, Phone
Control Button	WPS Button, WLAN Button, Power Switch, Reset Button

WIFI WLAN

Standard	IEEE 802.11b/g/n(2.4GHz)
Security	WEP, WPA, WPA2, WPA-PSK, WPA2-PSK
WIFI Features	WMM, WLAN-LAN Isolation, Multi SSID(X4), AP Isolation
Antenna Type	2R2T

Data Network

WAN	1xGE Ethernet , 1xGE PON, 1xGE SFP and 2*USB port for 2G/3G/4G USB Modem connectivity
LAN	4x10/100/1000 Mbps Ethernet Port, 4x10/100 Mbps Ethernet Port
WAN Access Mode	Static IPAddress, PPPoE, DHCP
Networking Interface	Multi WAN, Bridge Mode, 802.1Q
QoS	Destination/Source MAC/IP, Application, DSCP
Advance Routing	Static Route, Policy Route, DNS Proxy, Port Forwarding/Triggering
Internal Address Management	DHCP Server, IP and MAC Address Bind, DHCP Relay
Networking Protocols	TCP/IP(IPv4/v6), UDP, RTP, SNTP, NAT, DHCP, DNS, DDNS
VPN	IPSEC, PPTP, L2TP
IPTV	IGMP Proxy/Snooping, IPTV Bridge

IPPBX Functions List

Automated Attendant	Three-way Calling
Transfer	Calling Cards (PIN dialling)
Call Detail Records(CDR)	Conference Bridging
Call Forward on Busy	Do Not Disturb
Call Forward on No Answer	Interactive Voice Response (IVR)
Call Forward Unconditional	IVR day/night mode
Call Restriction	Voicemail
Call Parking	Music On Hold
Call Queuing	Music On Transfer
Call Routing (DID & ANI)	Time lock
Caller ID	Ring groups/Pickup group
Caller ID Blocking	SIP Trunking
Caller ID on Call Waiting	Local and Remote SIP user agents registration
Call Waiting	Disa

Firewall & Security

Firewall Protection	IDS&IPS, Block Ping/ICMP/IDENT, SPI Firewall, Port scan restriction
Access control	Blocking by URL, IP Address, Mac Address, Protocol Type, Port

Environmental

Size	482×259.9×44mm
Net Weight	5KG
Power Supply	AC220V, 0.5A/DC48V, 1.5A
Operating Temperature	0°C~50°C, 32°F~122°F
Humidity	10-90% non-condensing