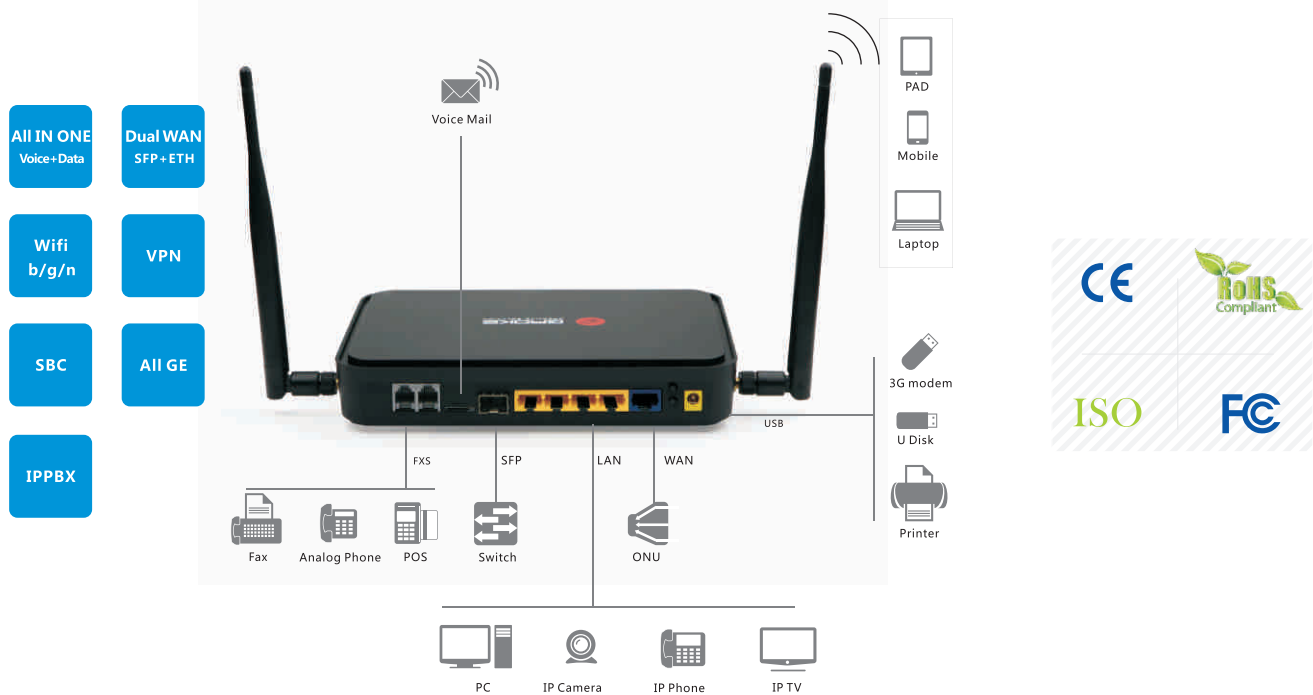# ALL IN ONE INTELLIGENT IPPBX BG9002W

ALL IN ONE INTELLIGENT IP PBX BG9002W is perfectly designed for SOHO, SMBs that integrates the functions of IPPBX, WIFI access point, fiber modem, VPN router, data router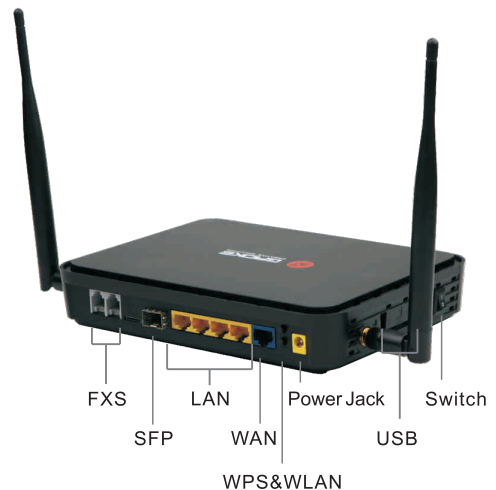, VoIP gateway, SBC etc in one device. BG9002W provides excellent user experience, including enterprise class voice quality, fiber high speed access, wireless mobility, the local security, remote connectivity security and flexible manage platform.

All IN ONE Voice+Data | Dual WAN SFP+ETH
Wifi b/g/n | VPN
SBC | All GE
IPPBX

Voice Mail

PAD
Mobile
Laptop
3G modem
U Disk
Printer

FXS | SFP | LAN | WAN | USB
Fax | Analog Phone | POS | Switch | ONU

PC | IP Camera | IP Phone | IP TV

CE | RoHS Compliant | ISO | FC

Front Panel

LED Indications for Power, WAN, LAN and Analog Phone Ports

Rear Panel

FXS | LAN | Power Jack | Switch
SFP | WAN | USB
WPS&WLAN

GAOKE

Address: Guangzhou Gaoke Scien-tech Park NO.168 Gaopu Road,Tianhe District,Guangzhou,P.R.China
Postal Code: 510663   Tel: (86-20) 8259 8555   Fax: (86-20) 8259 9989   Website: www.gk-tel. com

Specifications

Voice Capacity and Functions	
Analog User/Co line	2*FXS
Maximum Concurrent Call	24
Maximum Extensions	24
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 12 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 SFP and USB port for 2G/3G/4G USB Modem connectivity
LAN	4x10/100/1000 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	204×151×37mm
Net Weight	632g
Power Supply	DC 12V/2A
Operation Range	0° to 40°C, 32°to 113°F
Humidity	10-90% non-condensing