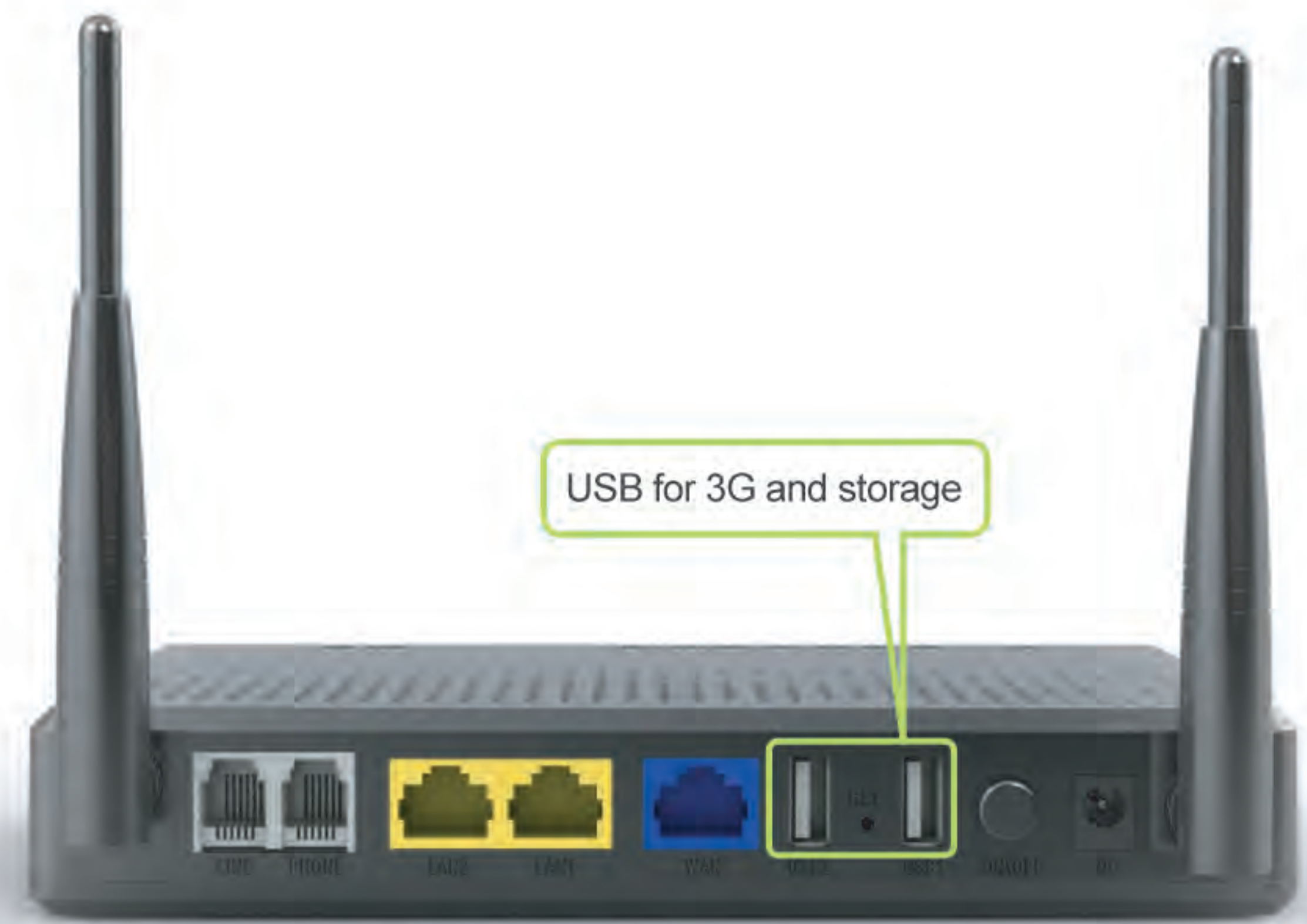


WROC2002

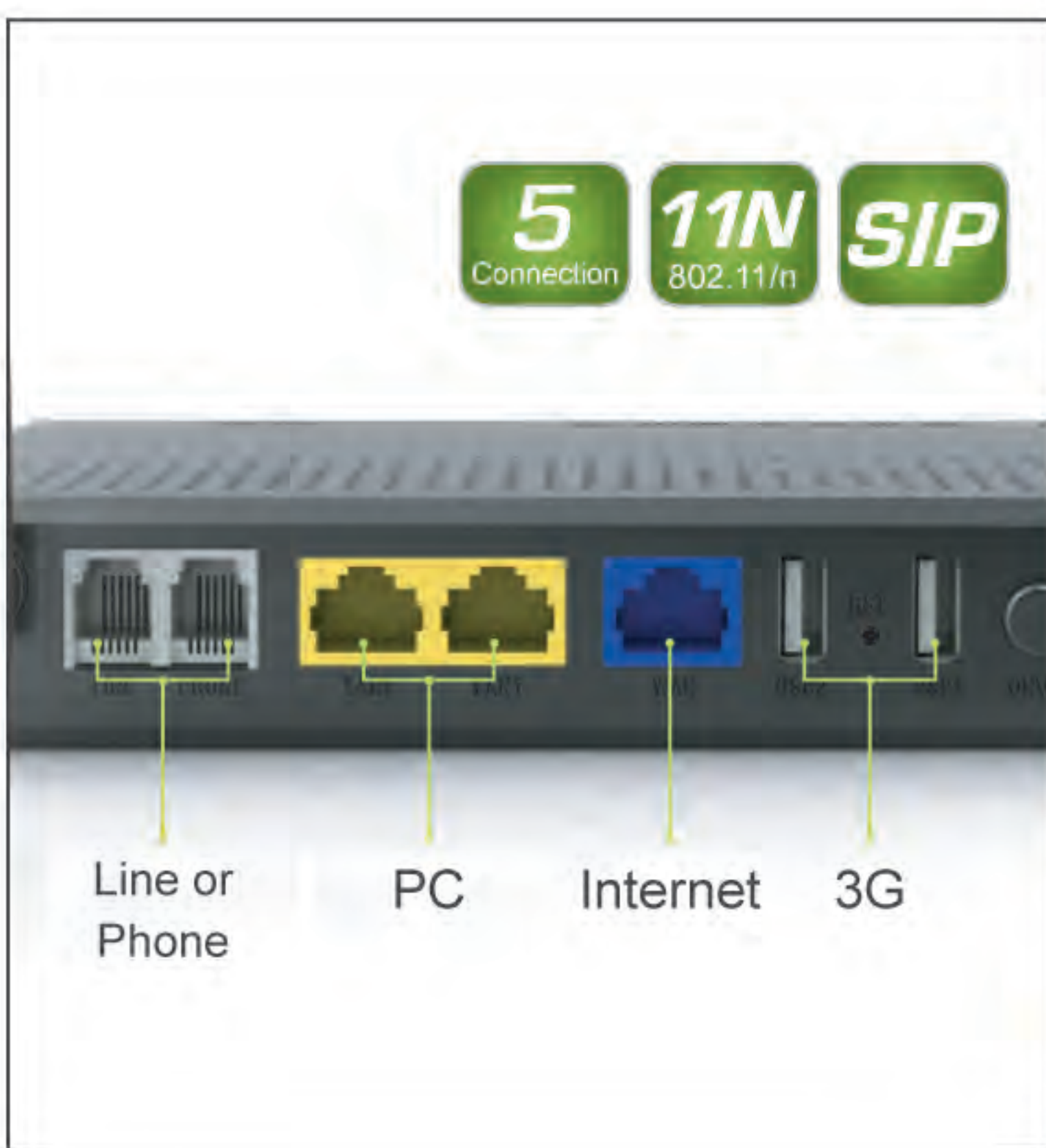
WROC2011



Wireless Office Communication System

Integrated WiFi/3G router and full-featured phone system for small business.

- Surf the Internet
- 3-way voice conference
- Mobile extension with WiFi smartphone
- Voice and video communication
- In-house WLAN
- USB for sharing files



Highlights

- One system with all the communication functions that helps to grow your business and save budget
- Creates an office network with high speed wire and wireless data connection as well as legacy telephone lines
- Supports business phone system features, such as voicemail, transfer, conference, hold, hunt groups, and automated attendant
- Compatible with SIP based new generation voice terminals, including smartphone, pad and softphone
- Significantly reduce the cost and maintenance effort on office wiring

Product models

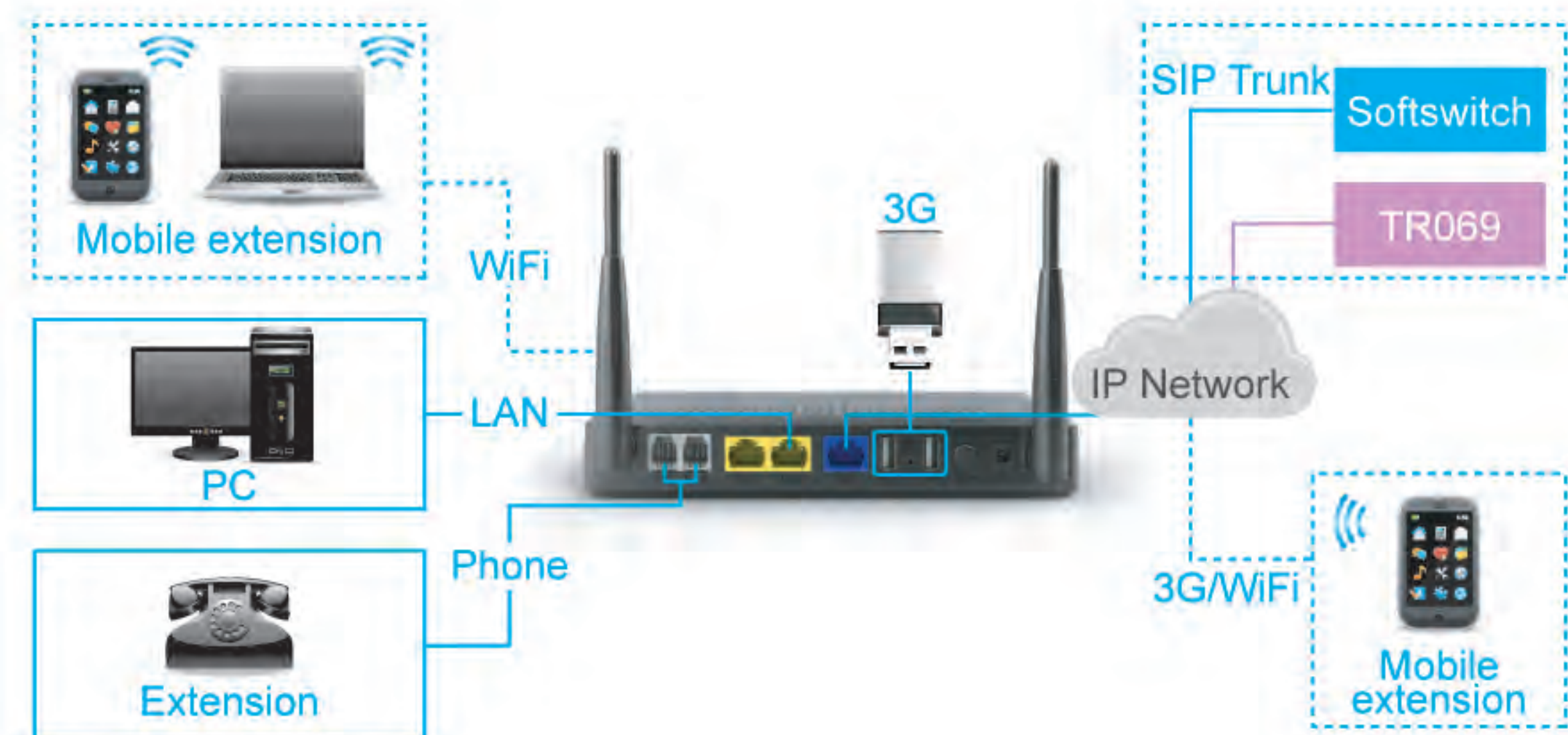
- WROM2002: provides two phone ports
- WROM2011: provides one phone port and one line port

Advantages

- Point 01 Dual USB 2.0 for storage and 3G, supporting WCDMA and CDMA2000
- Point 02 801.11b/g/n with double antenna
- Point 03 QoS scheme providing high priority to voice stream
- Point 04 Built-in SIP proxy and supports eight SIP clients
- Point 05 SIP trunk connection to IMS and NGN
- Point 08 2 telco analog ports to phone/fax machine or PSTN

Applications 1 Carrier

- Provide Internet and voice service via 3G or Ethernet
- Support mobile extension
- The integration of WiFi/3G router and telephone system helps to reduce deployment and maintenance cost
- Support IMS/NGN compatible SIP as well as TR069 for centralized management
- Provide new service through firmware upgrade



Applications 2 SOHO

- Provide wireless data and voice communication
- Smartphone with extension number to enhance the contacts with customers
- VLAN and QoS to ensure the quality of voice communication
- Rich sets of telephone features, including voice conference, recording and voicemail



Applications 3 Family

- Build family digital network via WLAN
- Free phone communication via Internet
- Designated phone for each family member
- Designed to be highly intuitive and easy to use



WROC2002 WROC2011

Basics

Data rate 300Mbps

WiFi Standards IEEE 802.11b/g/n, 802.3, 802.3u

3G Standards WCDMA, CDMA2000

WiFi Bund Rate 2.4 ~ 2.4835GHz

WiFi

Channel 1-13

Spread Spectrum DSSS, OFDM

Modulation BPSK, QPSK, CCK, 16-QAM, 64-QAM

Rx Sensitivity OFDM 54M -73/-73dBm, CCK 11M -87/-87dBm,
HT40 MCS7 -66/-66dBm

Tx Power OFDM 54M 14.5/14.5dBm, CCK 11M 17/17dBm

Antenna Dual external antenna, 3dBi

Range Indoor 100M; outdoor 300M (open space)

Network Features

WAN Connection Static IP, DHCP, PPPoE, PPTP, L2TP, 3G

Networking IEEE 802.11b/g/n, 802.11s/e/r/i, 802.3, 802.3u,
Protocal 802.1d/p/q/x, CSMA/CA, CSMA/CD, TCP/IP,
DHCP, ICMP, HTTP, SNTP, LLTD, uPnP, Telnet,
SNTP client, FTP

Advanced WiFi Change/disable SSID broadcast, WDS, VPN
Feature 802.1x, wireless roaming

Wireless Security WEP, WPA/WPA2, WPA-PSK/WPA2-PSK,
WPS (PIN and push button), client filtering

Management Traffic statistics, remote web configuration,
syslog, configuration file import and export,
firmware upgrade through Web

NAT Port mapping, DMZ

Qos WMM & WMM power save, bandwidth control,
802.1P, DSCP

Firewall IP/MAC binding for anti ARP spoofing,
IP/MAC filtering, website filtering

Power Supply

Power Adaptor DC 9V ~ 12V, 1A

Power Consumption 7W

Authentication

FCC Support

CE Support

IPPBX

Auto Attendant IVR with time schedule, queuing, operator handling,
soft console for call monitoring and click to transfer

Incoming Call DID, caller ID, call rejection, do not disturb, CRBT,
call waiting, forking (direct a call to dual terminals),
call forwarding, distinctive ring patterns

Call Pickup Call pickup

Making Call Intercom, white list, select trunk with dial prefix,
speed dial, hot line (immediate and delay)

Dial-in System Authentication with PIN

Access Authentication with caller's phone number

Extension Feature Blind transfer, consultation transfer, call hold, park, recording *,
call transfer to PSTN, 3-way conference, recording on fly *

SIP Proxy Supports up to 8 SIP clients

SIP Trunk IMS/NGN

Multi-site Inter-site calling via IP network, outbound trunk sharing

Soft Pad Click-to-call, contact list, presence, call history,
listen to recording and voice message *

Media Stream G.711/G.729A * codec, echo cancellation, busy tone
detection Fax: G.711 pass-through, T.38 relay *

Video Protocol H.624, MPEG-4

Interface Type

LAN 2 10/100M LAN, Auto MDI/MDIX

WAN 1 10/100M WAN, Auto MDI/MDIX

Voice WROC2002: 2×phone
WROC2011: 1×phone / line

USB 2 USB2.0 hosts for 3G dongles and storage

Control Button Reset, power on/off, WLAN, WPS

Environment Requirement

Working Temperature 0°C ~ 40°C

Storage Temperature -40°C ~ 70°C

Working Humidity 10% ~ 90%RH (Non conducting)

Storage Humidity 5% ~ 90%RH (Non conducting)

Physical Specification

LEDs STU, PWR, USB, WAN, LAN, PHONE/LINE,
WLAN, WPS

Dimension 182 x 136 x 30 mm

Weight Net Weight: 300g Gross Weight: 600g

