

Datasheet

IP-Phone

Connect Port

- 1x RJ-11 PSTN port
- 1 x RJ-45 10/100Mbps WAN Ethernet Port
- 1 x RJ-45 10/100Mbps LAN Ethernet Ports

LCD Display

- 20(characters)*2(lines)

Wireless (optional)

- Complies IEEE 802.11g/b wireless

Feature keys

- 21 dedicated keys
 - 8 for feature keys
 - 6 for speed dial keys
 - 1 for hands-free speaker phone key
 - 2 for ok/cancel keys
 - 2 for page up/down keys
 - 2 for volume up/down keys

Voice Processing

- Audio CODEC:
 - G.711 A-law / u-law, (64kbps)
 - G.723.1, (5.3 or 6.3kbps)
 - G.726, (ADPCM 40, 32, 24, 16 kbps)
 - G.729a/G.729b, (8kbps)
- Silence suppression and comfort noise
- DTMF In/Out band Relay
- DTMF/ Call progress detection and generation
- Q.931 Fast Start
- Support Caller ID generate and detect
- Support VAD, H.225, H.245, CNG, G.168, Jitter buffer and programmable gain control

Voice Signaling

- Support SIP & H.323 simultaneous VoIP calls
- Support SIP v2 Standard (RFC3261)
 - Outbound Proxy / STUN Server
- Register up to 4 Server simultaneously
- Support multiple dialing plans
- Adaptive Jitter Buffer function
- Flexible Routing table and profile
- Extensible by external IVR/CDR/Billing servers for value-added application

Management

- Web Interface Management
- Support Auto-Provision System
- Remotely configuration/Upgrade by Web UI or Auto Provision.

Call Handling Features

- Call timer display
- Time and date display
- Call transfer, hold, forward.
- Local three-way conferencing
- One-touch Speed dial for 6 keys.
- Missed call notification
- Forward call (always/on busy/no answer)
- Last call return, redial.
- Call by IP address via dial pad
- Voice Message (Extensible by external IVR)
- Phone Book directory (50 entries)
- Ring Melody selectable (VoIP/PSTN/Hold)
- Customize Melody (midi format)

Router Functions

- Support static, dynamic IP from DHCP, PPPoE Static WWAN IP, Dynamic WWAN IP, Bridge mode
- Build-in DHCP Server and client
- Dynamic DNS Support
- Support Network access rules (LAN to WAN & WAN to LAN)
- Self-Protection against DoS Attacks
- Support NAT through function
- Supported Protocol: UDP, TCP, NAT, BOOTP, HTTP, IEEE 802.3/ IEEE 802.3u
- Support SNTP, DNS, uPnP, DDNS
- NAT function: Virtual Server, Port mapping, ALG, DMZ, Static routing table
- Firewall function: Client filtering, URL filtering, MAC control, Drop Port scans
- Support QoS (TOS) for VoIP

Specification

- LED Indicators: Ready, Call Forward, MSG, IN USE
- Power: AC100V-240V, DC9V/1.3A (Max)
- Temperature: 0° C to 45° C (Operation), -10° C to 55° C (Storage)
- Humidity: up to 90% non-condensing
- Dimension: 215 x 160 x 55 mm (W/D/H)
- Weight: 615g

Emissions

- CE Mark

Warranty

- One Year Limited Warranty

IEEE 802.11 g/b support

Wireless speed up to 54Mbps

VoIP/PSTN Dual IP-Phone!

Easy to switch VoIP and PSTN via IP-Phone!

H.323 & SIP simultaneously support!

Deploy into any multimedia, interactive, or softswitch network with the leading call and session signaling protocol

Register up to 4 SIP or H.323 accounts mixable simultaneously!

Flexible registration for different VoIP Route plan

Bandwidth Control

user can manage the limitation of network bandwidth and prioritize VoIP packet to pass through

Auto Provision Server support

Easy to remote configure/Upgrade via Provision System.

QoS guaranteed Voice package

Quality of Service ensure voice traffic gets high priority without shutting down your Ethernet LAN

Easy to use

21 dedicated feature keys, with 20(char.) x2(Line) LCD display



Model Information

- IP2020: 1WAN+1LAN IP-Phone /w LCD panel
- IP2021: 1VoIP+1PSTN Relay, 1WAN+1LAN IP-Phone /w LCD panel

Wireless optional : 802.11g