ITP1020A Quick Install Guide
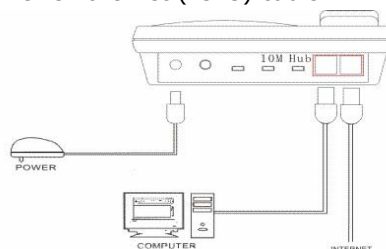
1. Check for required items

Please check to be sure that you have all of the following components:

• Broad internet access • One phone cord • One power adapter

• One Broadband Phone • One handset • One Ethernet (RJ45) cable

2. Installation steps

1——RJ-45 input port

2——RJ-45 output port

3——Power Port

Installation view

Installing your Broadband Phone

1 Locate your phone close to your Internet connection and a power outlet

2 Using a standard Ethernet 10/100Base-T cable (RJ-45), connect the LAN port on the back of your Broadband Phone to your cable/DSL modem, router, or other broadband Internet connection.

3 Connect the power adapter to the **DC 12V** port on the back of the device, and then plug the power cord into a power outlet. When the power is connected, the Broadband Phone will automatically boot and attempt to log into the service

4 Upon successful login the display will show "**Ready for Call**".

NOTE:

If you connect LAN port to proxy server or the network device without self reversal function (e.g. part of cable modems), you may need a "cross over" cable, and use straight through cable in other conditions.

3. Ready to use

Changing the Settings on your Broadband Phone

In the event that your Broadband Phone did not log into the service it will display "**Wait Logon"**. You may need to make network settings changes on the phone.

To begin: Press the SET/OK button twice to display **Select IpType 1[dhcp].** If your network uses DHCP then press the UP button until the display shows **Local IP** and record the IP address.

If your network uses static addressing, then at the **Select IpType 1[dhcp]** screen, press the SET/OK button, then the **0** button, then the SET/OK button again. The display should now show **Select IpType 0[static]**. Press the UP button until the display shows **Local IP 0.0.0.0**, press the SET/OK button and input the IP address that will be assigned to the phone (using the * button in place of the period). Press the SET/OK button to display the new IP address. Use same method to set **Subnet Mask, Gateway IP,DNS.** Press the ESC button twice and

the display should show **Save To Flash?** Press SET/OK and the phone will reboot and save the new settings. Press **ESC** and record the IP address.

   If your network uses PPPOE, then at the **Select IpType 1[dhcp]** screen press the SET/OK button, then the **2** button, then the SET/OK button again. The display should now show **Select IpType 2[pppoe]**. Press UP button, when the LCD shows **PPP Identity**, press SET/OK, input PPPoE user ID, then press SET/OK to confirm. Use same method to set **PPP Password**. Press the ESC button twice and the display should show **Save To Flash?** Press SET/OK and the phone will reboot and save the new settings. Press **ESC** and record the IP address.

Changing the Setting via Web Browser

Open an Internet Explorer browser on a PC that is connected to the same network as the Broadband Phone, type the IP address into the Address window and press Enter. At the Welcome screen, enter **1234** in the **Password** field and log in. Once in the Settings screen, you can verify or enter your network settings and click on "**Save Settings**" to save any changes. Exit the browser after the "Update Successful" screen appears.

Note: If you make changes to your User Name and Password, those changes must also be made in the Settings screen on the Broadband Phone.

   Once the phone displays **Ready for call**, the Broadband Phone is ready to make and receive calls

Congratulations! You have installed your Broadband Phone successfully!

Characteristics

- Program memory—1024KB Flash memory
- Ethernet interface—two RJ45 connectors compatible with IEEE 802.3 10 Base-T
- Keypad—besides the standard keys 0-9,*,#, there are another 12 function keys for operation and setting of phone
- Status indicator—LED to indicate working status and LCD light
- Hand free function—speaker moniter, dial-tone, speaker and loudspeaker volume can be digitally adjusted independently
- Power adapter— AC input 100~120V (USA, Japan etc.) or 220~240V (China, Europe etc.) or 100~240V, 47-63Hz
- Log on Soft-switch
- Automatic find Soft-switch
- Support DHCP: Automatically obtain local IP, subnet mask, router IP
- Support PPPoE
- Voice Active Detection
- Comfortable Noise Generation
- 16ms Echo Cancellation
- Dynamic Buffer Management—minimize effect to voice quality caused by audio delay jitter

Standards and Protocols

- IEEE 802.3 10 Base-T
- G.711A, G.711μ, G.723.1 5.3K/6.3 Kbps and G.729 audio codec
- SIP
- TCP/IP: Internet Transport and Control Protocol
- RTP: Real-time Transport Protocol
- RTCP: Real-time Control Protocol
- G.723.1, G.729 VAD/CNG Economical Bandwidth
- G.165 16ms Echo Cancellation
- DTMF DTMF Tone Generation and Detection
- DHCP: Dynamic Host Configuration Protocol
- DNS: Domain Name System
- NTP: Network Time Protocol
- HTTP: Hyper Text Transfer protocol
- FTP: File Transfer Protocol

Specification

- 180 x 160 x 92 mm (L x W x H)

Electronic Characteristics

- Voltage: 12V DC, 500mA
- Power adapter: AC input 100~120V (USA, Japan etc.) or 220~240V (China, Europe etc.) or 100~240V,47-63Hz
- Network Interface: IEEE 802.3 10 Base-T
- EMC: FCC Part15 CLASS B /CE

Operational Environment

- Operational Temperature: 0 to 50° C (32° to 122° F)
- Storage Temperature: -30° to 65° C (-22° to 149° F)
- Humidity: 10% to 90% no dew

Recommend Network Condition

- Delay: Less than 400ms
- Jitter: Less than 100ms
- Package Loss Rate: Less than 10%
- Required Bandwidth: Minimums 30Kbps

Safety Warning: Please do not place this product under fire and high temperature. Avoid heavy impact, and do not leave the product in rainy or highly humid environments!