

User Manual

Gicomcommunicator GC-101S

1-port VoIP Gateway

GC-101S

Quick Start Guide

Thank you for your purchase of GiCommunicator GC-101S. With GC-101S you can enjoy unlimited use of free voice and fax communications between selected locations both locally and globally. With this user's manual you will find helpful information of GC-101S to install, use and maintain.

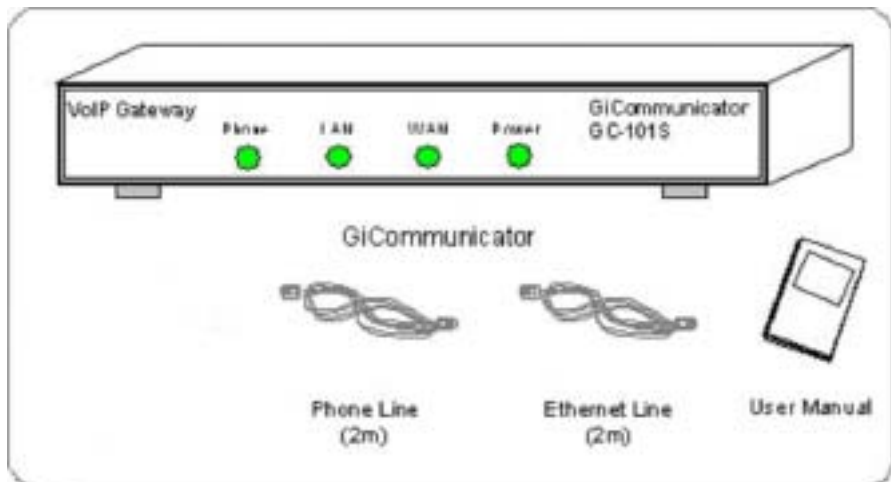
Package Contents

Your Package includes the following:

1-port GC-101S VoIP Gateway

RJ45-type Line for internet

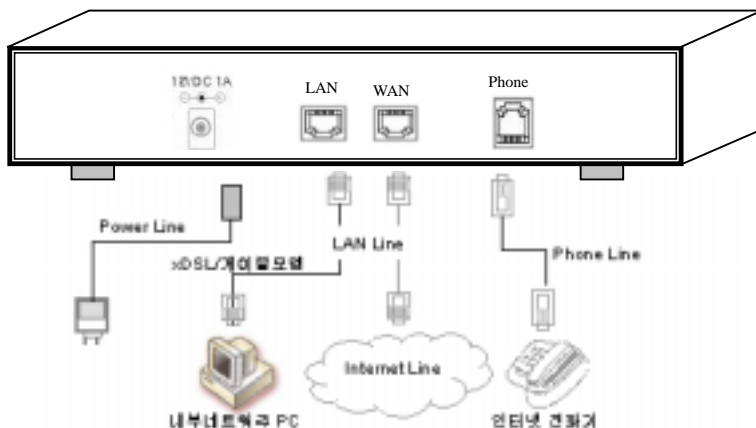
Quick Start Guide



GC-101S VoIP Gateway Installation

The following steps will walk you through connecting the gateway, Configuring networked PCs to accepted the IP addresses the Gateway assigns them, and configuring the Gateway with setting(s) provided by your Telephone Service Provider and Internet Service Provider (ISP).

Step 1: Connect the Gateway to Your Network



A. Make sure that all the devices you'll be working with are powered down, including your PCs, your cable or DSL Modem, and the Gateway.

B. Connect an crossover Ethernet cable to one of your PC Ethernet ports. This will be the port that connects to the Gateway.

C. If you have multiple PCs, you need to have have a Hub Switch. In this case, you need to connect the crossover Ethernet cable to

Uplink port of Hub switch and Uplink pushbutton has been pressed.

D. Connect the other end of the crossover Ethernet cable to the LAN port on the back of the Gateway.

E. Connect the network cable from your cable or DSL modem to the Gateway's WAN port, and connect your cable or DSL modem to its proper connection. Then power up your modem.

F. Plug one end of the power adapter into the Power port located on the back of the Gateway.

G. Plug the other end of the power adapter into an appropriate power Socket.

H. Turn on the cable or DSL modem. Then turn on the PC.

Note: Always use the power adapter that came with Gateway. Using any other power adapter could result in product damage.

Step 2: Configure Your PCs to connect to the Gateway.

Before you setting up the Gateway, you will have to configure your PCs to accept the IP addresses provided by the Gateway.

To this, you will need to configure TCP/IP. These instruction apply only to Windows 98 and ME. For TCP/IP setup under Windows NT, 2000, XP, please refer to your Windows manual.

A. Go to the Network Configuration screen by clicking the Windows Start button, selecting Settings, and selecting the Control Panel. Then double-click the Network icon.

B. In the Configuration window, select the TCP/IP protocol line that has been associated with your network card/adapter. If there is no TCP/I(P line listed, refer to User Guide to install the TCP/IP protocol now.

C. Click the Properties button, and choose the IP Address tab. Select Obtain an IP address automatically. Click the OK button. You have completed the client settings.

D. Click the OK button. Windows may ask for original Windows installation or additional files. Supply them as needed (e.g., D:\win98, c:\windows\options\cab, etc.)

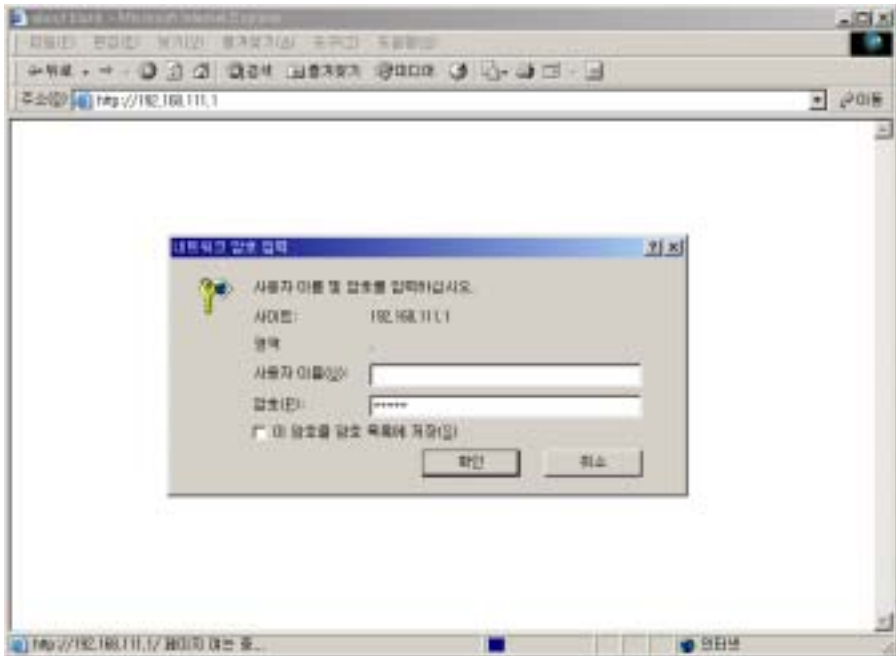
E. Windows will ask you to restart the PC. Click the Yes button. If Windows does not ask you to restart, restart your PC at this time.

Step 3: Configure the Gateway

Now that the Gateway is connected to your network, and you've Set up TCP/IP on your PCs, you can begin configuring the Gateway.

A. Open your web browser and type <http://192.168.111.1> into The browser's Address field. Press the Enter Key.

B. An Enter Network Password screen will appear. Leave the User Name field blank, and enter admin (the default password) in the Password field. Then click the OK button.



C. The Gateway setup main page will appear. Click the Board Config. In this page, you can configure LAN and WAN connection. The Gateway supports three WAN Connection Types:

DHCP(obtain an IP automatically), Static IP address and PPPoE.

(1) DHCP :

If your ISP supports DHCP, select this option.

(2) Static(Fixed) IP Address :

If your assigns you a static IP address, fill the in the WAN IP

address, Subnet Mask, Default Gateway Address, and DNS field.

(3) PPPoE :

Enter your user name and password, if applicable.

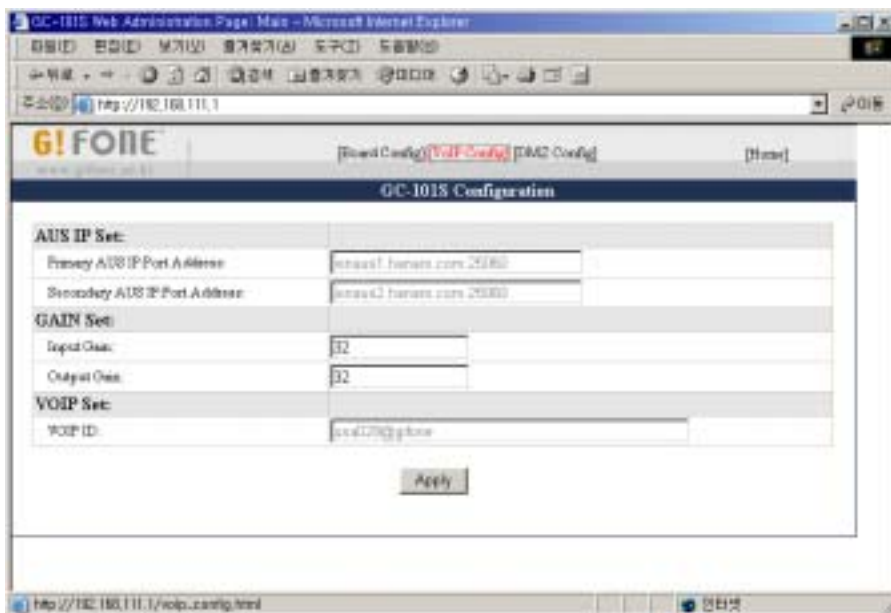
When you have properly configured the Board Config, click the Apply button.

The screenshot shows a web browser window titled "GC-1018 Web Administration Page: Main - Microsoft Internet Explorer". The address bar shows "http://192.168.111.1". The page content is titled "GC-1018 Configuration" and includes tabs for "Board Config", "VoIP Config", "DMZ Config", and "Home". The "Board Config" tab is active, displaying a configuration form for the GC-1018 device. The form is organized into sections: HOST Name, ETH0(WAN) IP Set, ETH1(LAN) IP Set, DNS(Domain Name Server) IP Set, DHCP IP Set, and PPPoE(cDSL) Set. Each section contains fields for various network parameters, some with radio button options for static/dynamic or enable/disable.

GC-1018 Configuration	
HOST Name	GC1018
ETH0(WAN) IP Set	
ETH0 Internet Connect	<input checked="" type="radio"/> static <input type="radio"/> dynamic <input type="radio"/> pppoe
ETH0 Mac Address	00:03:de:53:00:39
ETH0 IP Address	81.33.102.118
ETH0 NetMask Address	255.255.255.192
ETH0 GW Address	81.33.102.85
ETH1(LAN) IP Set	
ETH1 Mac Address	00:03:de:53:00:3a
ETH1 IP Address	192.168.111.1
ETH1 NetMask Address	255.255.255.0
ETH1 GW Address	192.168.111.1
DNS(Domain Name Server) IP Set	
Domain Name Server 1	168.124.101.2
Domain Name Server 2	172.20.106.5
DHCP IP Set	
DHCP Enable	<input checked="" type="radio"/> enable <input type="radio"/> disable
DHCP Start IP(D class >= 30)	192.168.111.30
DHCP End IP(D class <= 254)	192.168.111.254
PPPoE(cDSL) Set	
PPPoE ID	globe
PPPoE PASSWD	*****
HTTP Daemon Set	

D. If you need to change the setting of VoIP service, click the VoIP Config in main page of Gateway Setup.

Note. It is not recommended to user to change of any field of this page. It may cause, undesirable operation of Gateway.

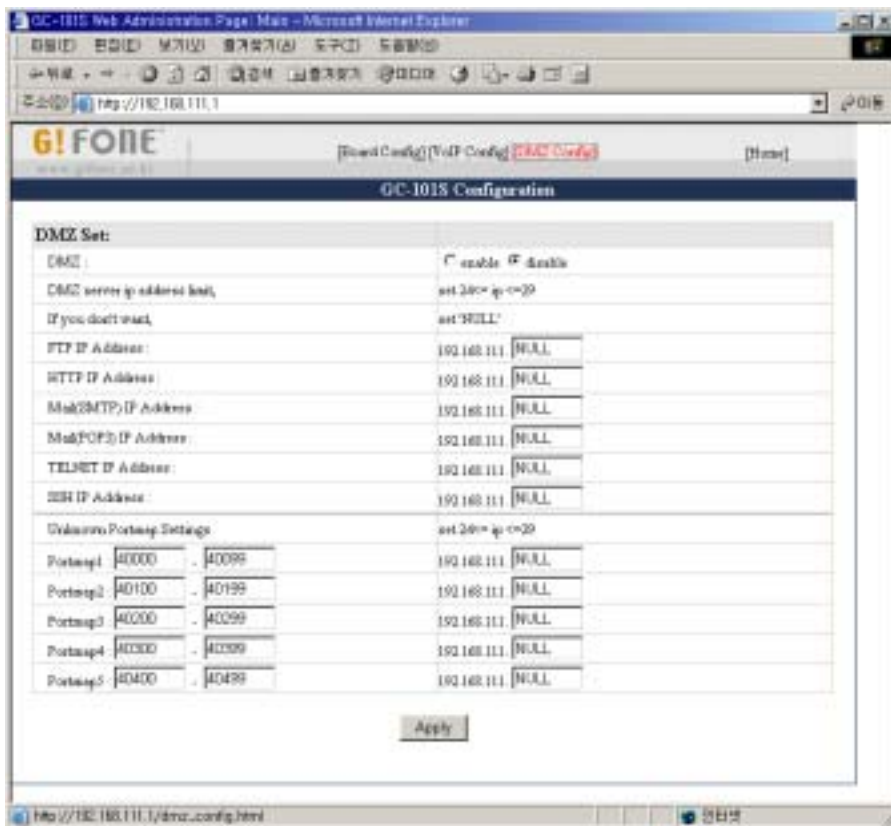


The screenshot shows a web browser window titled "GC-101S Web Administration Page | Main - Microsoft Internet Explorer". The address bar shows "http://192.168.1.1/". The page has a navigation bar with links: [Board Config], [VoIP Config], [DMZ Config], and [Home]. The main content area is titled "GC-101S Configuration" and contains the following sections:

- AUS IP Set:**
 - Primary AUS IP Port Address: [jansu1.hana0506.com:25180]
 - Secondary AUS IP Port Address: [jansu2.hana0506.com:25180]
- GAIN Set:**
 - Input Gain: [32]
 - Output Gain: [32]
- VOIP Set:**
 - VOIP ID: [jansu123@phone]

An "Apply" button is located at the bottom of the configuration area.

E. If you need to remote service such as ftp, http, and etc., you need to configure DMZ setting. Click DMZ config on the main page of Gateway setup and provide appropriate IP and Port information. When you have properly configured the DMZ Config, click the Apply Button. More detail information of setting DMZ option, please refer to <http://www.hana0506.com/support/DMZ/>



Important Safety Instructions

The following instructions pertain to the risk of fire, electric shock or bodily injury. Please read all of these instructions carefully.

1. Save these instruction for later use
2. Follow all of the instructions and warnings marked on this product or included in this manual.
3. Do not use this product on an unstable stand or table. The product may fall, causing serious damage to the product.

4. Never put heavy items on this product.
5. Never push objects of any kind into the GC-101S (especially metals and liquid). Objects may touch dangerous voltage points or short out parts that could result in a fire or electrical shock.
6. Do not use this product near water.
7. Do not open this product or unassembled. Please call to the GiFone Technical support for the repair of this product.
8. Unplug this product from the main electrical power outlet before services such as connecting to the LAN.

Hardware Specification

H/W Size	205(Width)x110(Depth)x30(Height)mm
Operation Tempture	0~45
Power	DC12V, 1Amps Max
Control Interface	Local Interface: WEP interface through thttp Remote Inerface: telnet
PC Interface	Network Interface: RJ-45 Network: 10Base-T Supporting Protocol: TCP/IP, RTP, UDP, DHCP, PPPoE VoIP: H.323, G-Protocol Support
Telephone Interface	Phone Interface: RJ-11 FXS, Analog interface Supported No of Port: 1 DTMF TIA464B and Customer define Tone Frequency supported
Voice Codec	Codec: G.723.1, G.711, G.726 Echo Cancellation: G.168(25ms) Caller ID: Bellcore Standard Comport Noise Generation(CNG)

Hardware Warranty

Subject to the provisions described below, this GiFone product is protected by a limited warranty from defects in material and workmanship. This warranty applies to the entire product.

Should a product fail to perform as described above within the first year following the original date of purchase, GiFone will repair or replace for the failed product upon return of the defective product at no charge to you (1) have, within 30 days of the original date of purchase, completed owner's registration at www.gifone.com/registration (2) return the failed product to GiFone designated repair facility with shipping charge prepaid, and (3) provide GiFone with proof of the original date of purchase. Repaired or replacement products will be returned to you with shipping charges prepaid.

Replacement products may be refurbished or contain refurbished materials. If GiFone, by its sole determination, is unable to repair or replace the defective product, it will refund the depreciated purchase price of the product.

This warranty does not apply if, in the judgment of GiFone, the product fails due to damage from shipment, handling, storage, accident, abuse or misuse, or if it has been used or maintained in a manner not conforming to product manual instructions, has been modified in any way, or has had any serial number removed or defaced, Repair by anyone other than GiFone or an approved agent will void this warranty. The maximum liability of GiFone under this warranty is limited to the purchase price of the product covered by the warranty.

Prior to returning any defective product, the end customer or the reseller from whom the end customer originally purchased the product must obtain a Return Materials Authorization

(RMA) number from GiFone. All defective products should be returned to GiFone with shipping charges prepaid. GiFone will not accept collect shipment.

EXCEPT AS SPECIFICALLY PROVIDED IN THIS AGREEMENT OR AS REQUIRED BY LAW, THE WARRANTIES AND REMEDIES STATED ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS, ORAL OR WRITTEN, EXPRESS OR IMPLIED. ANY AND ALL OTHER WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS ARE EXPRESSLY EXCLUDED. GIFONE SHALL NOT UNDER ANY CIRCUMSTANCES BE LIABLE TO ANY PERSON FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION, DAMAGES RESULTING FROM USE OR MALFUNCTION OF THE PRODUCTS, LOSS OF PROFITS OR REVENUES OR COSTS OF REPLACEMENT GOODS, EVEN IF GIFONE IS INFORMED IN ADVANCE OF THE POSSIBILITY OF SUCH DAMAGES.

FCC Compliance Statement

Caution: Any Change or Modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

NOTE: This equipment has been tested and found to comply with the limits for a CLASS B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception. Which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Technical Support Service Center

The Hana0506 Technical Support can be reached either by phone or by e-mail.

Please have your model number, serial number, date of purchase and proof of purchase handy when you calling Technical Support

Phone	408-238-5570
Hana0506 Website	www.hana0506.com
Hana0506 products online registration	www.hana0506.com/Svc_Agree.jsp
Online technical support	support@hana0506.com