

Quick Installation Guide

- ☑ DAG1000-1S10
- ☑ DAG1000-2S20
- ☑ DAG1000-2O

THANKS FOR CHOOSING DINSTAR'S VOIP GATEWAY!

Please read this guide carefully before installing the gateway. If you need any technical support, please contact us.

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7 Models and Ports

| Model \ Port Type | WAN | LAN | FXS | FXO |
|-------------------|-----|-----|-----|-----|
| DAG1000-1S1O | 1 | 1 | 1 | 1 |
| DAG1000-2S2O | 1 | 1 | 2 | 2 |
| DAG1000-2O | 1 | 1 | / | 2 |

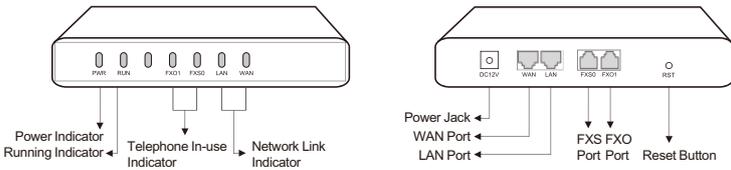
- Please confirm your product model before installation and follow the installation guideline for the model.

2 Description of Indicators

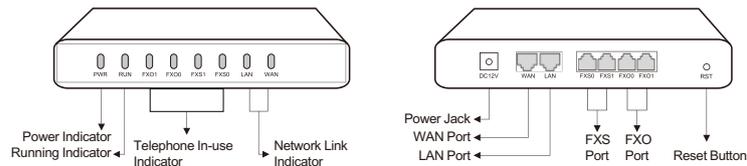
| Indicator | Definition | Status | Description |
|-----------|----------------------------|----------------|--|
| PWR | Power Indicator | On | The gateway is powered on. |
| | | Off | The gateway is powered off or there is no power supply. |
| RUN | Running Indicator | Slow Flashing | The gateway is running properly. |
| | | Fast Flashing | If there is a SIP account registered successfully, the indicator is fast flashing. |
| | | Off | The gateway is running improperly. |
| FXS | Telephone In-use Indicator | On | FXS port is currently occupied by a call. |
| | | Off | FXS port is idle or faulty. |
| FXO | FXO In-use Indicator | On | FXO port is currently occupied. |
| | | Off | FXO Port is idle or faulty. |
| WAN/LAN | Network Link Indicator | Green Flashing | The gateway is properly connected to network |
| | | Off | The gateway is not connected to network or network connection is improper way. |
| | Network Speed Indicator | On | Work at 100Mbps. |
| | | Off | Work at 10Mbps. |

3 Indicators and Ports

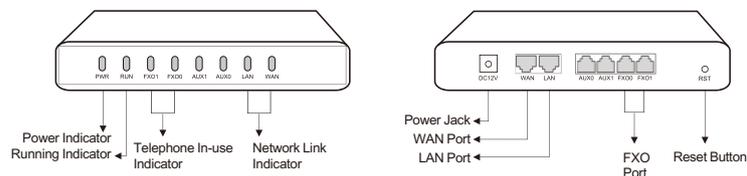
▶ DAG1000-1S1O



▶ DAG1000-2S2O



▶ DAG1000-2O



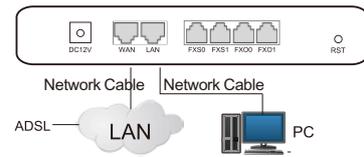
4 Installation Attentions

- Anti-jamming:** to reduce the interference with telephone calls, it's highly recommended that telephone lines connected to the gateway should be placed away from power cables.
- Power supply:** DAG1000-1S1O, DAG1000-2S2O and DAG1000-2O are equipped with 12VDC power adapter. Please ensure safe and stable power supply.
- Network bandwidth:** please ensure there is enough network bandwidth so as to guarantee stabilized running of the gateway.
- Temperature and humidity:** to avoid any accident that might cause malfunction, it's advised to install the gateway in an equipment room where temperature and humidity are appropriate.
- Ventilation:** to avoid overheating, please do not pile up the gateway with other devices and make sure the gateway has good ventilation around.
- Mechanical load:** please make sure the gateway is placed steadily to avoid damage. It's highly advised to horizontally place the gateway on a flat surface or a cabinet.

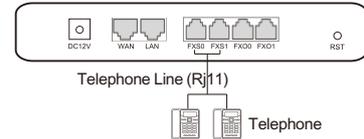
5 Installation Instructions

▶ Connection Diagram for DAG1000

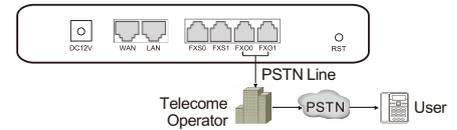
• Network Connection



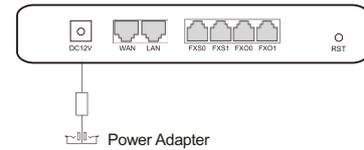
• Telephone Connection



• PSTN Connection



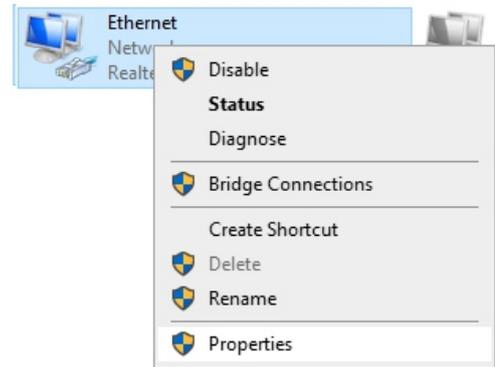
• Power Connection



6 Modify PC's IP Address

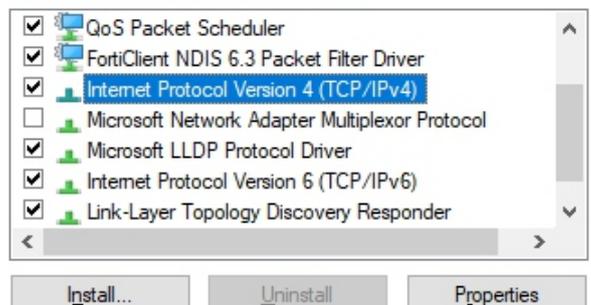
To log in the Web Management System of the gateway, firstly, you need to modify the IP address of PC which is used to access the gateway and to make it at the same network segment with the gateway.

- On the PC, click 'Network (or Ethernet) --> Properties'.



- Double-click 'Internet Protocol Version 4 (TCP/IPv4)'.

This connection uses the following items:



- ③ Select 'Use the following IP address', and then enter an available IP address '192.168.11.XXX' which is at the same network segment with '192.168.11.1'.

(2) Configure SIP Account Information

Click **Port** in the navigation tree on the left, and then click **Add**. Input the SIP account and authentication password assigned by the SIP server.

7 Log in Web Management System

Open a web browser and enter the gateway's IP address (default IP is 192.168.11.1). Then, input username and password in the displayed login GUI. Both the default username and password are admin.

8 Modify Gateway's IP Address

If you want to modify the IP address of DAG1000-1S/2S/4S, please click 'Network → Local Network' in the navigation tree on the left of the Web Management System, and then input new IP address and DNS server address on the displayed interface.

9 Basic Configurations of FXS

(1) Configure SIP Server

Log in the Web Management System of the gateway, and then click **SIP Server** in the navigation tree and then enter the address of the SIP server which is to be registered. Click **Save** in the last.

Click **Save** and then restart the gateway for the new configurations to take effect.

10 Basic Configurations of FXO

(1) Configure Port Group

You are advised to divide PSTN lines into several groups and then distribute them to different port groups. Generally, PSTN lines belonging to a same telecom operator are distributed to a same port group.

Click **Call & Routing** → **Port Group**, and then click **Add** on the displayed interface.

