

SINA Quick Installation Manual

1.1 When the device is powered on, first ask Equinet for the IP address of the device, or connect the monitor keyboard, when the device is in the startup interface, enter ip add, and then proceed to view the current device's IP.

```
sina@sina:~$ ip add
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
   link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
   inet 127.0.0.1/8 scope host lo
       valid_lft forever preferred_lft forever
   inet6 ::1/128 scope host
       valid_lft forever preferred_lft forever
2: ens33: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
   link/ether 00:0c:29:19:86:51 brd ff:ff:ff:ff:ff:ff
   inet 10.5.1.243/24 brd 10.5.1.255 scope global ens33
       valid_lft forever preferred_lft forever
   inet6 fe80::20c:29ff:fe19:8651/64 scope link
       valid_lft forever preferred_lft forever
3: docker0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc noqueue state DOWN group default
   link/ether 02:42:8c:62:5d:af brd ff:ff:ff:ff:ff:ff
   inet 172.17.0.1/16 brd 172.17.255.255 scope global docker0
       valid_lft forever preferred_lft forever
sina@sina:~$
```

1.2 Equipment wiring:

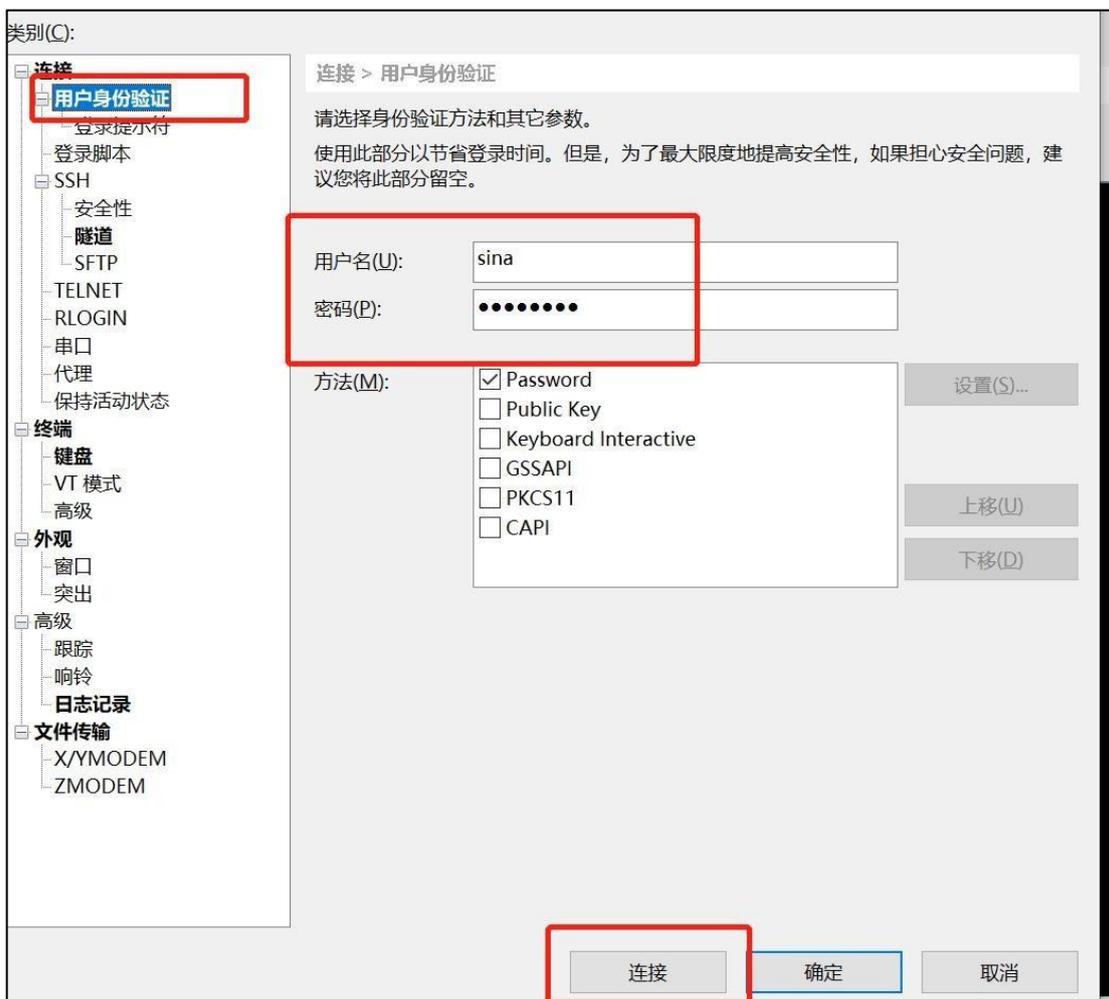
By default, the device wiring is connected to the leftmost lan port, not the management port.

1.3 Log in to the device:

1) When we know the IP of the device, it is recommended to use xshell, or other SSH, to access the device information interface to modify some parameters by connecting the computer to the device 's Lan port using a network cable.



xshell is shown as an example in the figure, the address is the one we got above, the username is sina by default, and the password is 2Zhlm6.



2) After connecting successfully, type `su - root`, then prompt for the root password which is 2Zhlm6, then type `cd /`

1.4 Modify the device ip address to a LAN IP address

Type `vim /etc/network/interfaces` and then enter, enter the following interface, set the device network port as a static ip address, type `j` to edit, after editing, press `esc` in the upper left corner of the keyboard to exit the editing mode, and then type `:wq!` This means to save and exit.

```
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
allow-hotplug ens33
iface ens33 inet static
address 10.5.1.242
netmask 255.255.255.0
gateway 10.5.1.1
```

1.5 Modify system-related configurations:

Type `vim /home/sina/custom_eq_release/.env` , and then enter, change all the parameters in the following box to the ip set above, modify the method similar to

```
# xswitch-lua use env
DSN=postgresql://xui:xui@127.0.0.1/xui
SIP_PORT=7060
SIP_TLS_PORT=7061
SIP_PUBLIC_PORT=7080
SIP_PUBLIC_TLS_PORT=7081
VERTO_WS_PORT=8081
VERTO_WSS_PORT=8082
BFCP_PORT=50000
RTP_START=10000
RTP_END=20000
AGORA_RTP_START=10060
AGORA_RTP_END=10079
ESL_PORT=8021
EXT_IP=10.5.1.242
LOCAL_IP=10.5.1.242
FREESWITCH_DOMAIN=10.5.1.242
FREESWITCH_DEFAULT_PASSWORD=1234
FREESWITCH_EVENT_SOCKET_PASSWORD=1234
PKG_CONFIG_PATH=/usr/local/pg-static/lib/pkgconfig:/usr/local/freeswitch/lib/pkgconfig

# xswitch-pg use env
PGDATA=/var/lib/postgresql/data/pgdata
TZ=PRC
POSTGRES_PASSWORD=xswitch1qaz!

# xswitch-nginx use env
HTTP_PORT=80
NGINX_DOMAIN=10.5.1.242
NGINX_PROXY=10.5.1.242
```

the above, type i to enable editing, and then esc after editing, and then type :wq!

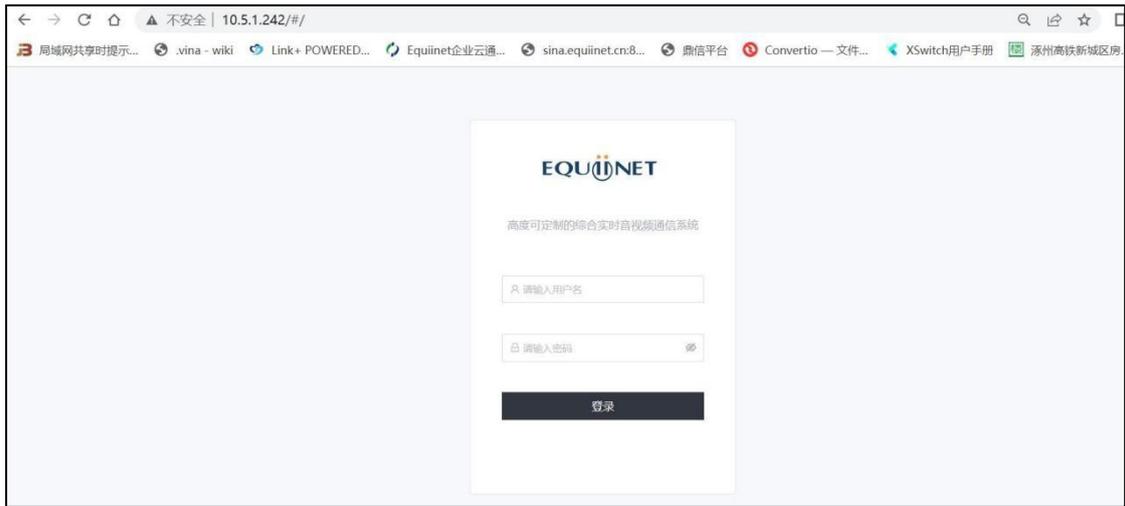
1.6 Reboot the device, type reboot and enter. Then connect the cable directly to the computer to the network switch, connect the computer to the LAN, and reconnect to SSH with the new ip you modified.

1.7 Log in to the system using su - root as above. Then type cd

/home/sina/custom_eq_relese/ to enter this directory

- 1) Execute make down;make up in the directory
- 2) Type bash update.sh

1.8 Log in on the web with the new IP (default account password is admin, Equinet.cn/1234, or Eq@PaSsW0rd)



1.9 For subsequent configurations, please contact an Equinet technical engineer.