NVMS Authentication Server

User Manual

Notes

There may be several technically incorrect places or printing errors in this manual. The updates will be added into the new version of this manual. The contents of this manual are subject to change without notice.

This manual is suitable for authentication server. All the pictures used in this manual are for reference only. The authentication server is mainly used with NVMS. This manual only introduces its system setup. Please refer to the authentication server chapter in the NVMS user manual for detailed use.

Contents

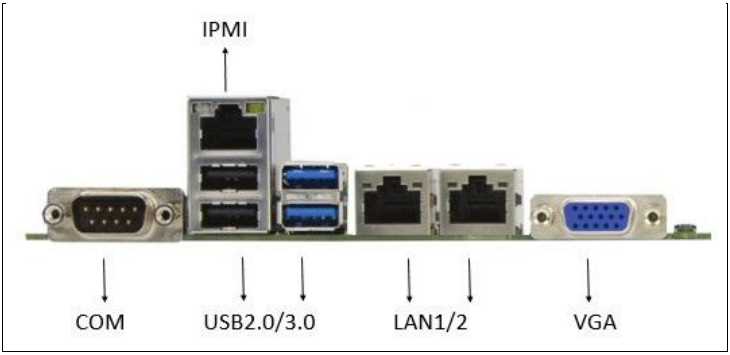
1 Installation

1.1 Interfaces and Indicators

The icons below are for reference only. Please refer to the interfaces and indicators of the real server.

Icon	Description	Icon	Description
	Power Key		System disk running indicator; flashing light indicators the disk works normally.
//	Reset		Power indicator
	USB interface		Network connection indicator. Green light indicators the network connection is normal.

1.2 Rear Panel Instruction



Name	Description
COM	COM connector
IPMI	PMI2.0 connector (management port)
USB2.0/3.0	USB2.0/3.0 interface
LAN1 2	LAN interface
VGA	VGA interface

2 Default System Configuration

The default network configurations of the server are as follows:

Network Card 1-IP: 192.168.0.10 Network Card 2-IP: 192.168.0.11

Http Port: 8000

To avoid IP conflict you should configure one at a time as these servers have the same default network configuration.

The default web management page: http://192.168.0.10:8000

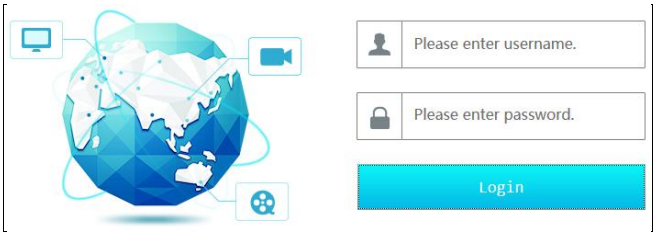
The default username is admin and the default password is also 123456.

3 Web Client Configuration

3.1 Login

The authentication server is configured through web browser. It is recommended to use IE8or above, Firefox 51or lower or Google Chrome44 or lower or Opera35 or lower (Here we take IE browser for example).

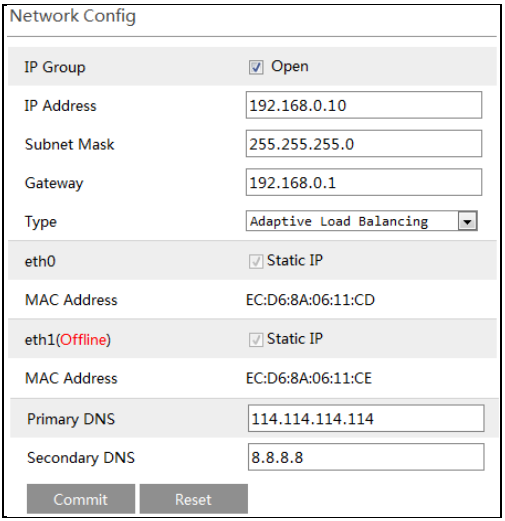
Make sure the IP address of the computer is in the same local area network with the authentication server before accessing the authentication server, or you will have to modify the IP address of the computer. For instance, change the computer's IP address to 192.168.0.100 and the gateway to 192.168.0.1. Enter http://192.168.0.10:8000 in the IE address bar and then press enter to go to the login interface as shown below.



Enter the username admin and password 123456 and then click "Login" button to go to the main interface.

3.2 Network Configuration

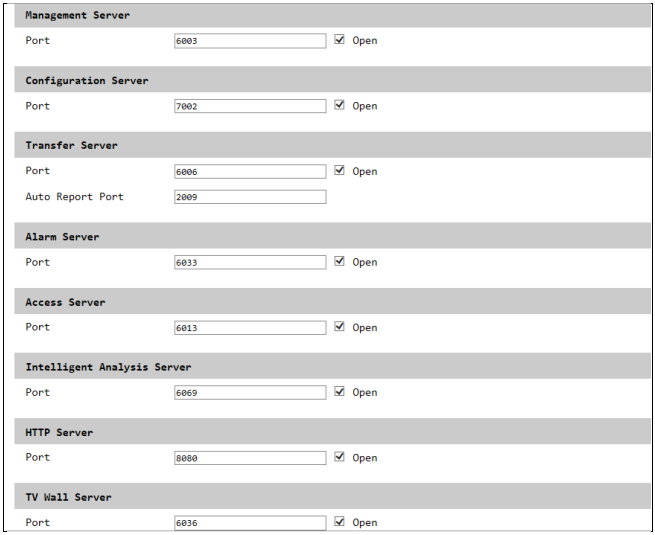
Click “Network Config” tab to go to the interface as shown below. The IP address, subnet mask and gateway of the server can be set in the interface.



You will get a virtual IP address if the IP group is enabled. As to the access of the virtual IP address, the operation system of the server will judge and transfer the access to eth0 or eth1 automatically. For instance, if you disconnect the network cable of eth1 when testing “ping 192.168.0.10 –t”, you will probably get a “Request Timeout” tip if you ping 192.168.0.10; and then you can probably ping it successfully after a few seconds.

3.3 Server Port Configuration

Click “Port Config” tab to go to the interface as shown below.



Management Server port: the default number is 6003.

Configuration Server Port: the default number is 7002.

Transfer Server Port: the default number is 6006. If this port is enabled, you can set auto report port.

Alarm Server Port: the default number is 6033.

Access Server Port: the default number is 6013.

Intelligent Analysis Server Port: the default number is 6069.

HTTP Server Port: the default number is 8080.

TV Wall Server: the default number is 6036.

The above-mentioned ports can be modified and enabled as needed.

3.4 Change Password

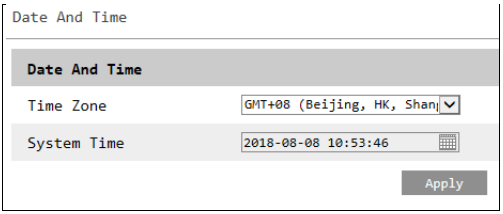
For safety consideration, it's strongly recommended to modify the default administrator's username and password if you access the server for the first time. Click "User Config" tab to go to the interface as shown below. You can modify the username. Please set a strong password.

3.5 Basic Information

Click “System Maintenance”→ “Device Basic Information” to view the basic information of the storage server (like product mode, firmware version, software version, etc).

3.6 Date & Time

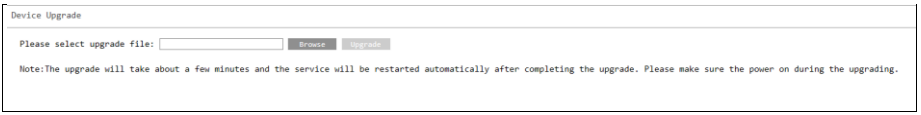
It is recommended to set date and time first if you set the server for the first time. Click “Date & Time” tab to go to the interface as shown below.



Select the time zone according to the region. For example, if you are in China, select GMT +08:00. Set system date and time manually and then click “Apply” to save the settings.

3.7 Upgrade

You can upgrade the server when there is a new software version. Get the upgrade software from you dealer; click “System Maintenance” → “Device Upgrade” to go to the interface as shown blow. Click “Browse” button to select the upgrade file and then click “Upgrade” button to start upgrading.



3.8 Device Reboot

Click System Maintenance →Device Reboot to go to the device reboot interface.

Click "Device Reboot" to reboot the device.

4 Specifications

CPU	Intel Core Processor I3-6100 2C/4T 3.7GHz 3M HD Graphics P530/51W
OS	CentOS 7.3
Memory	4GB DDR4 ECC，Up to 64GB
Network card	Integrated InteI210-ATdual gigabit Ethernet server cards
HDD	1 built-in Kingston SSD/120G/SATA/6Gb/s/2.5inch/SUV400S37; 3.5/2.5inch HDD slots ×3
PCI expansion	1*PCI-E3.0*8 (×4)； 1*PCI-E3.0*8； 1*PCI-E3.0*16 (×8)；
Management	BMC Module; Support IPMI2.0， 1 10/100 Mbps RJ45 management port，KVM，Support remote management
Interfaces	VGA×1, USB × 6（front panel: USB2.0×2，real panel USB2.0×2; USB3.0×2）, network interface ×2; COM ×1，remote management port×1
Device Access	IPC, DVS, DVR, NVR, Decoder
Max. number of camera access	30000 CH
Max. number of NVR access	1024 NVRs
Max. decoding capability	256 CH
Max. number of transfer server access	32 transfer servers
Max. number of storage server access	128 storage servers
Device Group	Support
Max. number of users	256 users
Simultaneous Online users	256 users
User Permission	Self-define
Real-time view	Up to 100 CH real-time preview; support auto switch
PTZ	Support PTZ control, PTZ permission, PTZ lock, PTZ preset management
Storage type	IP SAN/streaming media storage
Record type	Schedule, manual and alarm records
Record search	Multi-channel synchronous search and playback

Power	100~240V-6~3A /50~60Hz
Power consumption	≤300W（with HDD）
Working Environment	Working: 10 ℃ to 35 ℃; Standby: –40 ℃~+70 ℃(ambient)
Relative Humidity	Standby: 95% (non-condensing) under 25 ℃~30 ℃
Noise	Working: <50dBA；6.2BA (<28 ℃)
Gross weight	Approx. 12KG
Dimension(mm)	430 ×487 ×44 (W×D×H)
Installation	Standard 19 inch rack mount

Appendix Device Installation