

# AVR **NT832A**

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## **QUICK** START GUIDE

NETWORK VIDEO RECORDER

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# 1 Notes

- Please read this instruction carefully before using the product and keep it for further reference.
- All the examples and pictures used here are for reference only.
- The contents of this manual are subject to change without notice.
- This device should be operated only from the type of power source indicated on the marking label. The voltage of the power must be verified before using the same.

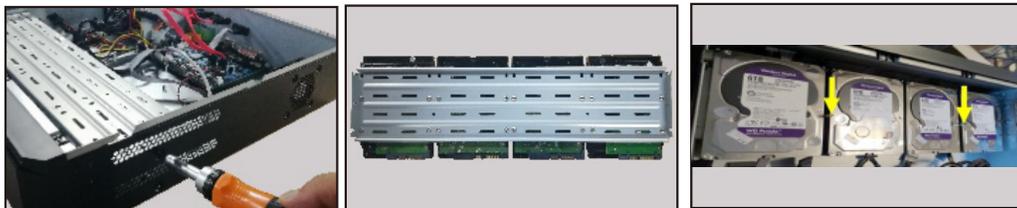
## 2 Packing Check

Please check the device and the accessories after getting the device. If there are any damages, shortages or defects, please contact your dealer immediately.

## 3 HDD Installation

This series of the product supports 8 SATA hard drives. The pictures of the installation are only for reference, please take the real object as the standard. Please make sure that the device is powered off before the installation.

- ① Remove the cover and loosen the screws to take out two rails.
- ② Fasten the HDDs onto the rails.

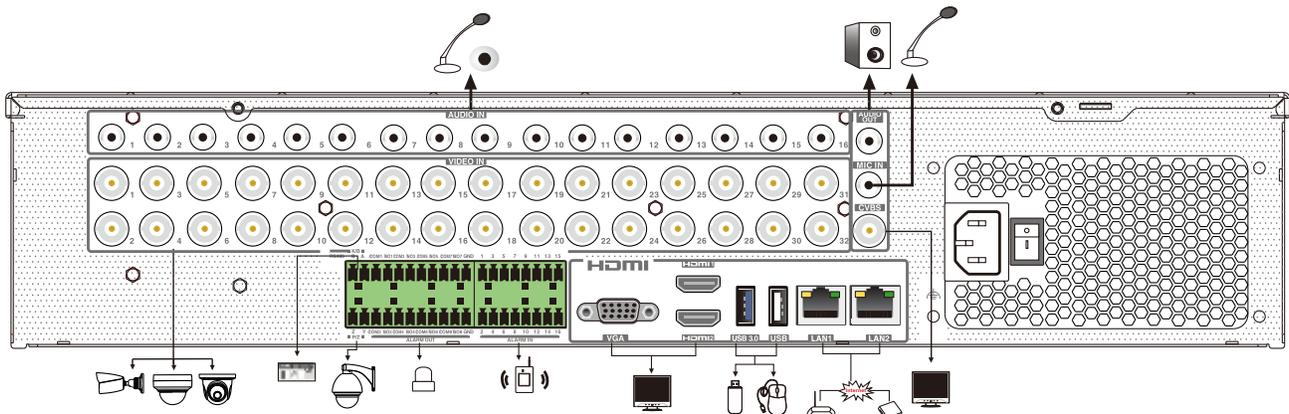


- ③ Install the two rails with HDDs back to the device ( It is recommended to install the posts supporting the upper rail as shown on the above right ).
- ④ Connect the power and data cables.



- ⑤ Install back the cover and secure it with the screws.

## 4. Rear Panel Instruction



Name	Description
AUDIO IN	Audio input connector
VIDEO IN	Video input connector
AUDIO OUT	Audio output connector
MIC IN	Connector for a microphone
CVBS	CVBS output connector
RS 485	RS 485 connector; connect to a keyboard
P/Z	Connector for a PTZ device; (Y is TX+; Z is TX-)
ALARM OUT	Relay output; connectors for external alarm output devices
GND & ALARM IN	Connectors for alarm input devices, like sensors
VGA	Connect to monitor
HDMI	HDMI connector; connect to monitor
USB3.0/USB	Connect to USB storage devices or USB mice
LAN1/2	Network connector

## 5 Startup & Shutdown

### ► Startup

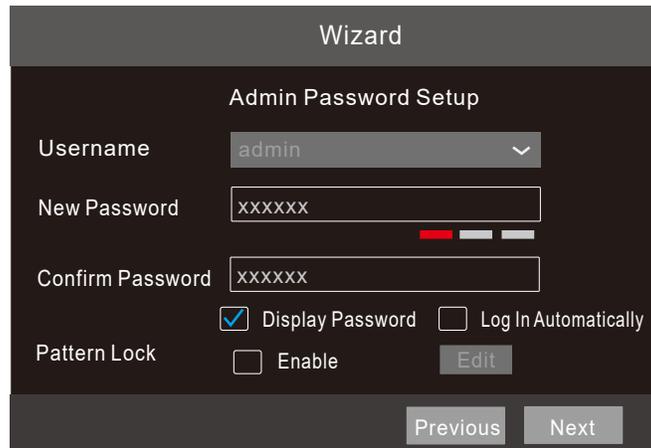
- ① Connect the monitor and the power.
- ② The device will boot and the power indicator will display blue.
- ③ A wizard window will pop up.

### ► Shutdown

Click "Start" and then select "Shutdown" icon. This will bring up a shutdown window. The device will shut down by clicking "OK" button. Then disconnect the power.

## 6 System Login

You must configure the wizard if you start the DVR for the first time. Choose the language. Then set the data, time and zone as needed. After that, set the login password.



The screenshot shows a 'Wizard' window titled 'Admin Password Setup'. It contains the following fields and options:

- Username:** A dropdown menu with 'admin' selected.
- New Password:** A text input field containing 'xxxxxx' with a strength indicator below it showing a red bar followed by two white bars.
- Confirm Password:** A text input field containing 'xxxxxx'.
- Display Password:** A checked checkbox.
- Log In Automatically:** An unchecked checkbox.
- Pattern Lock:** An unchecked checkbox with an 'Edit' button next to it.

At the bottom of the window are 'Previous' and 'Next' buttons.

The default username is admin. Set your own password when you use the wizard for the first time. Enable pattern lock and click "Edit" to set the pattern lock. Then set security questions and answers. It is important for you to remember these answers, or you will not be able to reset your password. Click "Next" to continue.

## 7 Disk Settings

You can view the disk number, disk capacity of the DVR and serial number, Read/Write status of the disk. Click "Format" to format the disk. Click "Next" to continue.

## 8 Network Configuration & Add IP Camera

- ① Select the work pattern and then enter IP address, subnet mask, gateway, etc. If using DHCP, please enable DHCP in both the DVR and the router.  
The multiple address setting or network fault tolerance can be chosen and configured.  
Network Fault Tolerance: Bind two network ports to one IP address. This pattern can increase the network bandwidth and form a network redundant array to share the load. When one port goes wrong, the other port will take over the entire load immediately and seamlessly.  
Multiple Address Setting: You shall set the IP address, subnet mask, gateway and DNS of each Ethernet port respectively.

② Enter HTTP port (the default value is 80) and server port (the default port is 6036).

Wizard

Network Settings >

Work Pattern: Multiple Address Setting

Ethernet Port 1 ( Online )

Obtain an IP address automatically

Address: 192 . 168 . 1 . 2

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 1 . 1

Obtain DNS automatically

Preferred DNS: . . .

Alternate DNS: . . .

Default Route: Ethernet Port 1

HTTP Port: 80

Sever Port: 6036

Ethernet Port 2 ( Offline )

Obtain an IP address automatically

Address: 192 . 168 . 2 . 2

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 2 . 1

Obtain DNS automatically

Preferred DNS: . . .

Alternate DNS: . . .

HTTPS Port: 443

Previous Next Cancel

③ Add Camera. Click "Next" to go to the following interface.

Wizard

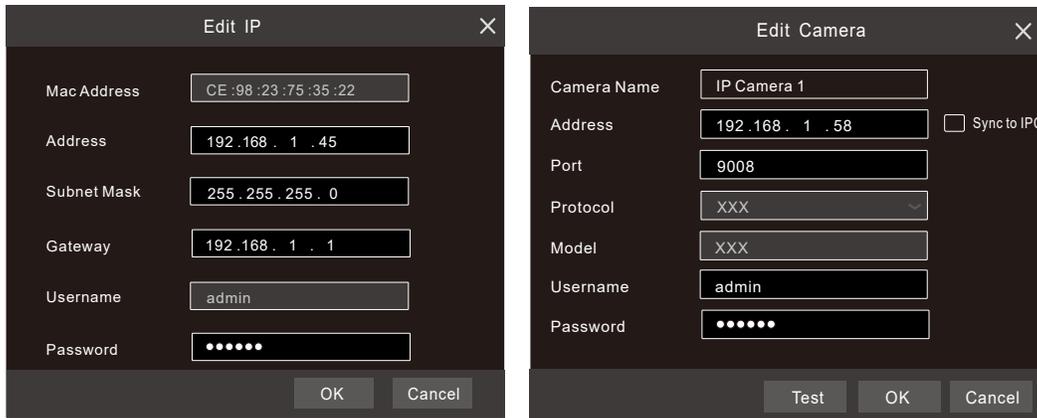
Network Settings > Add Camera >

No. ↑	Address	Edit	Port	Protocol	Model	Version	Add
1	192.168.1.20		80	XXX	XXX	3.4.2	+
2	192.168.1.38		80	XXX	XXX	3.4.2	+
3	192.168.2.45		80	XXX	XXX	4.0.0.1.beta1	+

Remain Bandwidth: 20 / 40 Mb Refresh Add All Delete All

No.	IP Camera Name ↓	Address	Protocol	Status	Edit	Delete
1	[A01] Camera1					
2	[A02] Camera2					
3	[A03] Camera3					
4	[A04] Camera4					

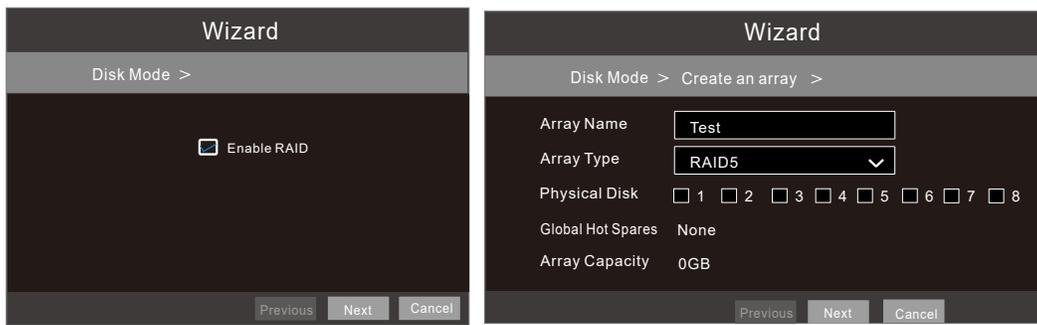
Click "Refresh" to refresh the list of online IP cameras which are in the same local network with the DVR. Click + to add the searched camera. Click "Add All" to add all the cameras in the list. Click  to delete the added camera. Click "Delete All" to delete all the added cameras.



- ④ Click  to edit an IP camera as shown on the above left. Enter the new IP address, subnet mask, gateway, username and password of the camera. Click "OK" to save the settings.
- Click  to edit the added camera as shown on the above right. Enter the new camera name, IP address, port, username and the password of the camera. You can click "Test" to test the effectiveness of the input information. Click "OK" to save the settings. Only the camera name can be changed for analog cameras or online IP cameras you added. Click "Next" to continue.

## 9 RAID Settings

Check "Enable RAID" and then the device will automatically reboot. Then enter Wizard and create an array. The authority authentication box will pop up when creating an array. Please enter the username (admin) and password you set before.

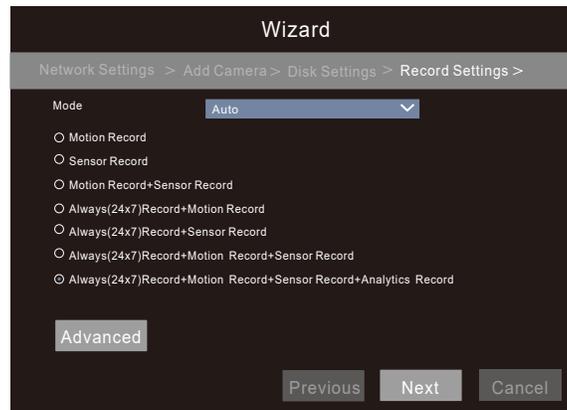


Set array name, array type and physical disk as needed (See Disk Management of User Manual for more details). Then click "Next".

# 10 Record Settings

Two record modes: auto and manual.

Auto Mode: Select one auto mode in the interface as shown below and then click "Next" to save the settings. Click "Advanced" to self-define a record mode.



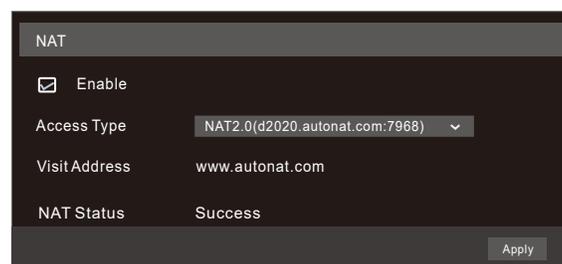
Manual Mode: Set the "Sensor Record", "Motion Record", "Analytics Record" and "Schedule Record" of each camera. Please enable the record as needed. Click "Next" to continue.

# 11 NAT

You can enable the NAT function in the interface or set it in the network configuration after exiting the wizard. You can scan the QR code through the mobile surveillance APP for iOS or Android to easily view your cameras.

## ► Web Access Through NAT Function

- ① Go to Start → Settings → Network → NAT tab. Enable NAT and select the NAT access type(NAT1.0 or NAT2.0). Click "Apply" to save the parameters.





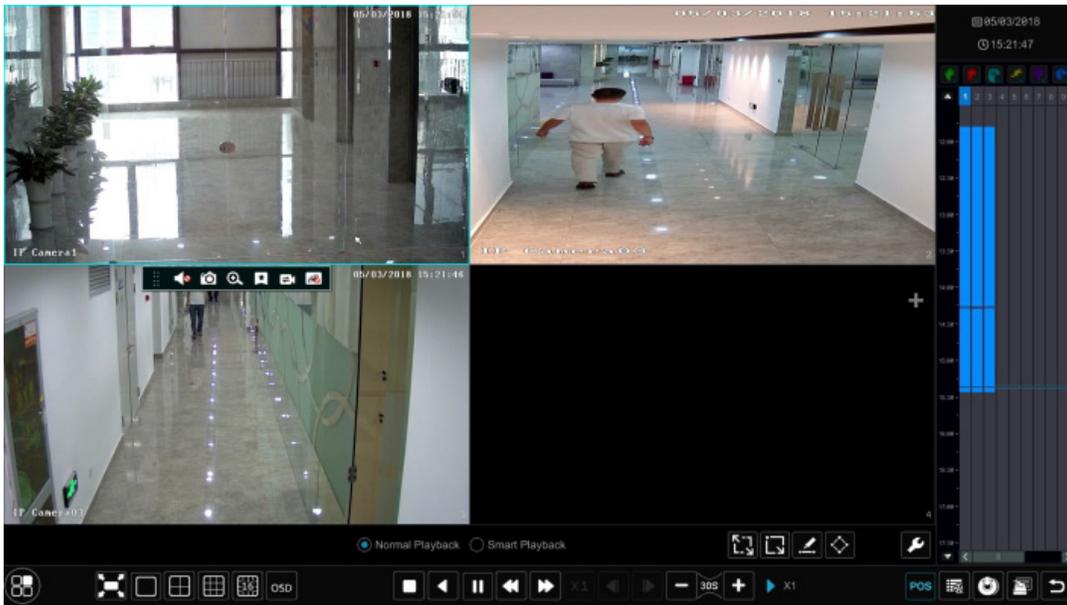
# 14 Playback

## ▶ Instant playback

Click  on the tool bar at the bottom of the preview camera window to play back the record from 5 minutes ago or right click to select "Instant Playback" and then select the instant playback time to play back the record.

## ▶ General playback

Click  on the tool bar at the bottom of the live view interface or click Start → Playback to go to the playback interface as shown below. You can also add the playback cameras manually. Click  in the playback window to pop up the "Add Camera" window. Check the cameras in the window and then click "Add" to add playback camera. The record files of the added playback camera will be played in the playback interface.



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