

QUICK START GUIDE



FEATURES:

- 4, 8, 16, or 32 Channel HD-TVI/AHD/CVI/960H BNC Inputs + IP Camera Support
- 2 Channel IP Camera Support (VT-TR2HA410, VT-TR8HA410), 4-Channel IP Camera Support (VT-TR2HA810, VT-TR5HA3280), 8-Channel IP Camera Support (VT-TR2HA1620, VT-TR2HA3280, VT-TR8HA820, VT-TR8HA1620)
- Simple plug and play, point-to-point connection from camera to DVR
- H.265 Compression
- HDMI, VGA, and BNC (Spot) Video Outputs
- 2-Way Audio
- PTZ Control over Coax or RS485
- 4 Alarm Inputs / 1 Alarm Output (4 Channel), 8 In / 2 Out (8 Ch.), 16 In / 4 Out (16 Ch. & 32 Ch.)
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- 1 Internal SATA2 / SATA3 HDD Slot supporting up to 10TB (VT-TR2HA410, VT-TR2HA810, VT-TR8HA410) / 2 Internal SATA2 / SATA3 HDD Slot supporting up to 20TB (VT-TR2HA1620, VT-TR8HA820, VT-TR8HA1620) / 8 Internal SATA2 / SATA3 HDD Slot supporting up to 80TB (VT-TR2HA3280, VT-TR5HA3280)
- Applications for iOS & Android
- Remote Viewing over the Internet via Web Browser or LAN
- MacOS® Client & CMS Central Management Software Included
- Supports both Dynamic and Static IP Addresses
- Control locally via USB Mouse or IR Remote control

PLEASE NOTE:

Complete User Guide, Software, Tools, and Updates are available online. Visit: <http://www.vitekccv.com/Downloads>

SETUP & CONFIGURATION:

1. Notes

- Please read this instruction carefully for correct use of the product and preserve it for reference purposes.
- This manual is suitable for 4/8/16/32 CH HD TVI Hybrid DVR. All the examples and pictures used here are for reference only.
- 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.
- To prevent electric shocks and risk of fire hazards, do NOT use other than specific power source.

2. Check Package Contents

Please confirm that the device and all accessories are included in the package. If there is any damage, shortages or defects, please contact your dealer immediately.

- 1) Transcendent Series DVR
- 2) IR Remote Control
- 3) Quick Start Guide
- 4) Power Supply
- 5) Rack Ears (16 & 32 Channel Models)
- 6) HDD Screws
- 7) SATA Cables
- 8) USB Mouse
- 9) 4MB USB Flash Drive (on 32 Ch. models only)

3. Rear Panel Connections



VT-TR2HA410 Rear Panel Connections



VT-TR8HA410 Rear Panel Connections



VT-TR2HA810 Rear Panel Connections



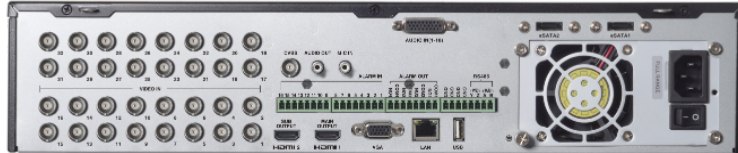
VT-TR8HA820 Rear Panel Connections



VT-TR2HA1620, TR8HA1620 Rear Panel Connections



VT-TR2HA3280 Rear Panel Connections



VT-TR5HA3280 Rear Panel Connections

4. 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:

Go to "Main Menu" 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.

5. Login

You must configure the wizard when you start the DVR for the first time. You can skip the wizard settings next time. The default username is admin and the password is set by you when you configure the wizard for the first time. Click "Start" and select "Login". This will take you to a login box. The default username is admin; the default password is 123456. Enter username and password and click "Login" button to go to the main menu setup.

6. Analog Camera Connection

First connect the cameras to the DVR. Then go to Start → Settings → Camera → Manage Camera → Signal Access Set to checkmark the video mode. The actual signals input shall correspond to the video mode. Please refer to User Manual for details.

Login

Username

admin

Password

Enter Password

☐ Display Password

☐ Log In Automatically

Edit Security Question

Login

Cancel

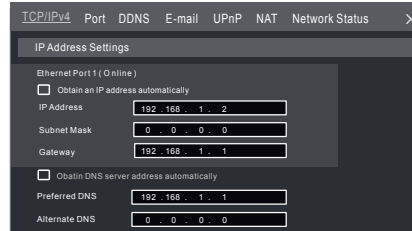
7. Network Configuration & Adding IP Cameras

After you finish adding IP cameras, you can see the live images through the monitor of the DVR. The following will introduce how to add IP cameras via LAN/WAN.

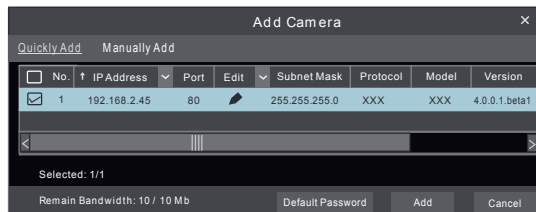
► LAN

- 1 Set the network of the DVR. Go to Start → Settings → Network → TCP/IPv4. Input IP address, subnet mask, gateway, etc. If using DHCP, please enable DHCP in both the DVR and the router.
- 2 Go to Start → Settings → Network → Port. Input HTTP port (the default value is 80), server port (the default port is 6036).

- 3 Click “Apply” to save the settings.



- 4 Go to Start → Settings → Camera → Add Camera. The DVR will automatically refresh the cameras searched. The IPC which supports the Onvif protocol may be added manually. If the IPC searched is not in the same local network as the DVR, you should select the device and click  to modify the IP address.

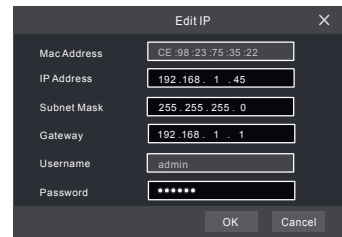


No.	IP Address	Port	Edit	Subnet Mask	Protocol	Model	Version
1	192.168.2.45	80		255.255.255.0	XXX	XXX	4.0.0.1.beta1

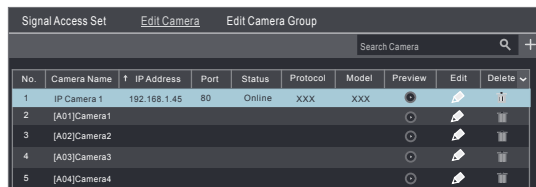
Selected: 1/1

Remain Bandwidth: 10 / 10 Mb

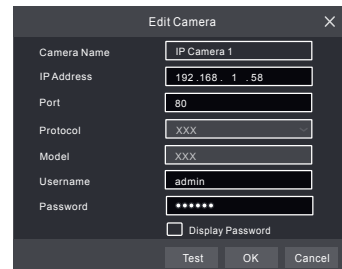
Default Password Add Cancel



- 5 Checkmark the device you want to add and then click “Add” button. The DVR will automatically refresh the cameras and return to “Edit Camera” interface. “Online” status means connecting the device successfully and you will see the live image. You may select the added device and click  to modify channel, IP address, ect.



No.	Camera Name	IP Address	Port	Status	Protocol	Model	Preview	Edit	Delete
1	IP Camera 1	192.168.1.45	80	Online	XXX	XXX			
2	[A01]Camera1								
3	[A02]Camera2								
4	[A03]Camera3								
5	[A04]Camera4								



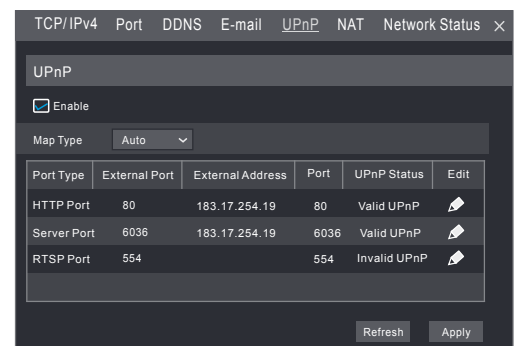
► WAN

- 1 Set the network of the DVR. Go to Start → Settings → Network → TCP/IPv4. Input static IP address or enable PPPoE and then input the user name and password received from your ISP.
- 2 Go to Start → Settings → Camera. Click “Add Camera” or  behind the column of the search camera and select “Manually Add” to add the IP cameras. Input IP address, server port, username and password of the IP camera. The IP camera must be connected over WAN. And here the IP address of the IP camera must be a WAN IP address.

8. UPnP

You can use the UPnP function to enable the fast connection of the device to WAN via a router without port mapping.

- 1 Go to Start → Settings → Network → UPnP, and enable UPnP and then click “Apply” button to save.
- 2 Enable the UPnP function in the router.
- 3 Click “Refresh” button to refresh the UPnP status. If the UPnP status were still “Invalid UPnP” after refreshing it for several times, the port would be wrong. Please change the mapping type to “Manual” and then click  to modify the port until the UPnP status turns to “valid UPnP”.



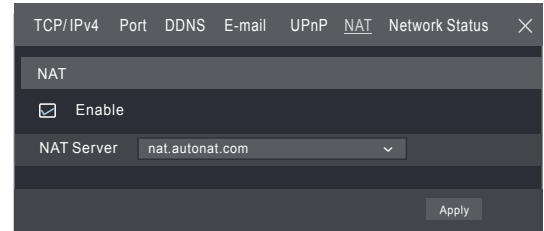
Port Type	External Port	External Address	Port	UPnP Status	Edit
HTTP Port	80	183.17.254.19	80	Valid UPnP	
Server Port	6036	183.17.254.19	6036	Valid UPnP	
RTSP Port	554		554	Invalid UPnP	

Refresh Apply

9. NAT

► NAT Settings

- 1 The DVR shall be powered on and connected to the network.
- 2 Go to Start → Settings → Network → TCP/IPv4. You can obtain the IP address, subnet mask and gateway automatically. You can also manually enter them according to the actual network situation. Please make sure the network segment is the same as that of the network which is used.
- 3 Set the preferred or alternative DNS Server. Click “Apply” to save the parameters.
- 4 Go to Start → Settings → Network → NAT tab. Enable NAT and select the NAT Server (The default NAT Server is nat.auto-nat.com). Click “Apply” to save the parameters.



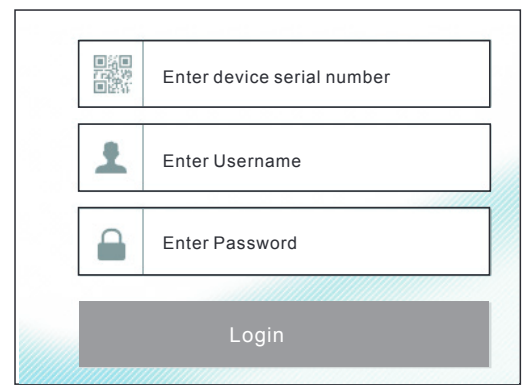
► NAT Access

After finishing the NAT settings, you can input www.autonat.com in the IE address bar and then press enter to go to the following interface. If this is the first time accessing the NAT, you need to download and install the ActiveX according to the popup tips. After installing ActiveX successfully, it will pop the login box.

Device Serial Number: Click  on the menu bar at the bottom of the live interface to check the serial number or go to Start → Settings → Network → Network Status to check the serial number of the DVR).

Username: The username of the DVR. (Default: admin)

Password: The password of the DVR. (Default: 123456)



10. Manual Recording

Before recording, please install and format a HDD. In the live interface you can see the menu toolbar. Click  to start recording. Click it again to stop recording. You can also click  to check the status of the recording.



11. Playback

► Instant playback

Click “Instant Playback” in the right-click menu of the camera’s preview window to select or drag the playback progress bar to change the playback time to play back the recording.

► General playback

Click  on the tool bar at the bottom of the live preview 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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