

## **VT-TNR Series**

Transcendent Series Line-Up of 8 MegaPixel H.265 Real Time Network Video Recorders with 4K HDMI Output

# **QUICK START GUIDE**



#### FEATURES:

- 4, 8, 16, 32, 64, and 128 Channel Stand-alone Real-time IP Network Video Recorders
- Full 8 Megapixel Real-time recording & playback
- 4K HDMI & VGA Video Outputs
- H.265 / H.264 Video Compression
- · Plug and Play & Auto configuration for many leading ONVIF compliant IP Camera models
- Internal PoE Switch (VT-TNR414P(2), VT-TNR818P(2), VT-TNR1616P, VT-TNR1646PF and VT-TNR3216PF)
- 1 Gigabit LAN / Dual 1 Gigabit LAN (VT-TNR6480E1, VT-TNV128E)
- Pentaplex: Live Display / Record / Playback / Backup / Remote Access
- Supports SATA2/SATA3 HDD
- Applications for iOS® & Android®
- Fully Programmable Intelligent Analytics including Face Detection (VT-TNR818PF, VT-TNR1616F, VT-TNR1646PF, VT-TNR3216PF), Fisheye DeWarping (All except VT-TNR414P(2) and VT-TNR818P(2)), Object Removal/Museum Search, Line Crossing, and Area Intrusion Detection
- · Remote Viewing over the Internet via Web Browser or LAN
- Mac OS® Client & CMS Central Management Software Included
- Supports both Dynamic and Static IP Addresses
- · Web-based remote configuration



### PLEASE NOTE:

Scan the QR Code for the Complete User Guide. Visit: http://www.vitekcctv.com/Downloads for additional Software, Tools, and Updates.





# **SETUP & CONFIGURATION:**

#### 1. Notes

- Please read this instruction carefully for correct use of the product and preserve it for future reference.
- This manual is suitable for 4/8/16 CH Network Video Recorder. 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, only use the power source that Vitek provided with your NVR.

#### 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 NVR
- 2) IR Remote Control
- 3) Quick Start Guide
- 4) Power Supply
- 5) USB Mouse

6) Rack Ears (16, 32 & 64 Channel Models)

7) 4GB USB Flash Drive (32, 64 & 128 Channel Models)

#### 3. Rear Panel Connections

![](_page_2_Picture_16.jpeg)

VT-TNR414P(2) Rear Panel Connections

![](_page_2_Picture_18.jpeg)

VT-TNR818P(2) Rear Panel Connections

![](_page_2_Picture_20.jpeg)

VT-TNR818PF Rear Panel Connections

![](_page_2_Picture_22.jpeg)

VT-TNR1616P Rear Panel Connections

![](_page_2_Picture_24.jpeg)

VT-TNR1616F Rear Panel Connections

![](_page_3_Picture_0.jpeg)

VT-TNR1646PF Rear Connections

![](_page_3_Picture_2.jpeg)

VT-TNR3216PF Rear Connections

![](_page_3_Picture_4.jpeg)

VT-TNR6480E1 Rear Connections

![](_page_3_Figure_6.jpeg)

VT-TNV128E Rear Connections

### 4. System Startup

• Please make sure all the connections are done properly before you power on the unit. Proper startup and shutdown are crucial to expending the life of your device

#### • Startup:

- ① Connect the output display device to the VGA/HDMI interface of the NVR.
- ② Connect the mouse and power. The device will boot and the power LED will turn blue.
- ③ A WIZARD window will pop up (you should select the display language the first time you use the NVR).

![](_page_4_Picture_6.jpeg)

Click "Wizard Setup" to start wizard. The setting steps are as follows.

#### System Login:

Set your own password or use the default when you use the wizard for the first time (the default username of the system is **admin** and the default password of admin is **123456**); select the login username and enter the corresponding password next time.

	Wizard
	Admin Password Setup
Username	admin
New Password	Enter Password
Confirm Password	Enter Password
	Display Password Log In Automatically
	dit Security Question Next Cancel

Click "Edit Security Question" to set questions and answers for password security of admin. Click "Next" to continue or click "Cancel" to exit the wizard.

#### Date and Time Configuration:

• The date and time of the system needs to be set up if you use the wizard for the first time. Refer to the following figure. Set the time zone, system time, date format and time format. The DST will be enabled by default if the time zone selected includes DST. Click "Next" to continue.

	Wizard
Time Zone	GMT-08 Las Vegas, San Francisco, Vanc 🗸
System Time	05/04/2016 00:51:26
Date Format	Month/Day/Year
Time Format	24-Hour
DST	ON
	Previous Next Cancel

#### **Network Settings:**

 Check "Obtain an IP address automatically" and "Obtain DNS automatically" to get the IP address and DNS automatically (the DHCP function of the router in the same LAN should also be enabled), or manually input them. Input the HTTP port, RTSP port and Server port. Click "Next" to continue.

	Wizard
Network Settings	CRCode > Add Camera > Disk Settings > Record Settings
Ethernel Port 1 (0	Online
Obtain an IP a	iddress automatically
IP Address	192 - 168 - 1 - 201
Subnet Mask	255 . 255 . 255 . 0
Gateway	192 - 165 - 1 - 1
Preferred DNS	
Alternate DNS	
HTTP Port	8201 RTSP Port 554
Server Port	9201
	Previous Next Cancel

#### Note:

If you use the NVR with the PoE network ports, the online state of the internal Ethernet port will be shown on the interface. Refer to the picture below.

			٧	lizard	
Network Settin	gs > QRC	ode 3	> Add Ca	mera 👂 Disk S	ettings > Record Settings
Ethemet Port J	L ( Online ) 9 address aut	omatica	ally	Internal Ethen	net Port (Online )
IP Address	·	•	•	IP Address	10 - 151 - 151 - 1
Subnet Mask		•	·	Subnet Mask	255 . 0 . 0 . 0
Gateway			•		
Obtain DNS	automaticall				
Preferred DNS			•		
Alternate DNS		•	•		
HTTP Port	80			RTSP Port	554
Server Port	6036				
				Previous	s Next Cancel

#### **QRCode:**

• You can scan the QRCode through the mobile client which is installed on a mobile phone or Tablet to log into the mobile client instantly.

![](_page_6_Picture_3.jpeg)

#### Add Camera:

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

			W	/izard					
letworf	k Settings > QRCo	da .>	Add Camers	Dist Se	dlings >	Record	Settings		
No.	† IP Address	Edit	Port	Protocol	Model		/ersion	Add	1
1	192.168.1.118		80	ONVIF	ONVIE			+	
2	192.168.1.156		80	ONVIF	ONVIE	1		+	
3	192.168.1.204		8204	ONVIF	ONVI	1		+	
emain	Bandwidth: 227 / 258	мь	Refre	sh Ac	id All	Delete	All		
emain No.	Bandwidth: 227 / 258	Mb t I	Rafre P Address	sh Ad Prok	ki Ali Icol	Delete Status	All Edit	Delete	
emain No. 1	Bandwidth: 227 / 258 IP Camera Name AXIS	Mb  †    19	Refre P Address 2 168.1 110	sh Ad Prok ON	ki Ali Icol VIF	Delete Status Online	All Edk	Defete	
emain No. 1 2	Bandwidth: 227 / 258 IP Camera Name AXIS IPCamera	Mb 19 19	Rafre P Address 2 168 1 110 2 168.1.1	sh Ad Prok ON ON	ki Ali Icol VIF	Delete Status Online Online	Ali Edit D	Defete	
emain No. 1 2 3	Bandwidth: 227 / 258 IP Camera Name AXIS IPCamera 3mp VF Bullet	Mb 19 19 19	Refre P Address 2 168.1 1 10 2.168.1.111 2.168.1.151	sh Ad Prote ON ON Va	ki Al Icol /IF VIF 0k	Delete Status Online Online	All Edit	Delete T	
emain No. 1 2 3 4	Bandwidth: 227 / 258 IP Camera Name AXIS IPCamera 3mp VF Bullet 2	Mb 19 19 19	Refre P Address 2 168 1 1 10 2 168 1 1 11 2 168 1 151 2 168 1 152	sh Ad Prote OM Va Va	ld All Icol /IF /IF ok ek	Delete Status Online Online Online Offine	All Edit	Defetio T T T	
emain No. 1 2 3 4 5	Bandwidth: 227 / 258 IP Camera Name AXIS IPCamera 3mp VF Bullet 2 3	Mb 19 19 19 19 19	Refre P Address 2 168.1.110 2.168.1.111 2.168.1.151 2.168.1.152 2.168.1.153	sh Ad Prote ON Va Va Va	ki Al	Delete Status Online Online Online Offine Online	Ali Esk P	Defete T T T T T	
emain No. 1 2 3 4 5 6	Bandwidth: 227 / 258 IP Camera Name AXIS IPCamera 3mp VF Bullet 2 3 IP Camera1	Mb 19 19 19 19 19 19 19	Refre P Address 2 168 1 1 10 2 168 1 1 11 2 168 1 151 2 168 1 152 2 168 1 153 2 168 1 153	sh Ad Prote ON Va Va Va Va	ld All Icol VIF ok ok ok ok ok	Delete Status Online Online Online Online Online	All Edik	Defetio T T T T T T T T T T	

• Click do to edit the found IP camera as shown on the below left. Input the new IP address, subnet mask, gateway, username and the password of the camera. Click "OK" to save the settings.

	Edit IP Camera	×
MAC Address	00 : 18 : at ####	## ###
IP Address	192 . 168 . 12 . 86	
Subnet Mask	255 . 255 . 255 . 0	
Gateway	192 . 168 . 12 . 1	
Port	80	
Username	admin	
Password		
	ОК	Cancel

• Click I to edit the added camera as shown on the above right. Input 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. You can change the IP camera name only when the added camera is online. Click "Next" to continue.

	Edit Camera	×
Camera Name	VTC-TNT5RFS	
Address	192 . 168 . 1 . 201	Sync to IPC
Port	9008	
Protocol	VITEK ~	
Model	VTC-TNT5RFS	
Username	admin	
Password	•••••	
	Test OK	Cancel

Disk Settings:
You can view the disk number, disk capacity of the NVR and serial number, R&W status of the disk. Click "Formatting" to format the disk. Click "Next" to continue

		Wizard		
Network Settings > QR	Code 🔸 Add Ci	emera > Disk Settings	Record Sel	ings
Dsk	Capacity[GB]	Disk Serial No.	Btalus	Operation 🗸
Disk1	5589	WD-WX11DA5348S8	🙎 RW	Formatting
1				
		_		
		Previ	Next Cont	Cancel

- Record Settings:
  Two record modes are available: Auto and Manual.
  Auto: Select one auto mode in the interface as shown below and then click "OK" button to save the settings.

Wizard
Network Settings > GRCode > Add Camera > Disk Settings > Record Settings
Mode Auto
Motion Record
Sensor Record
Motion Record+Sensor Record
Always(24x7) Record+Motion Record
Always(24x7) Record+Senser Fecord
Always(24x7) Record+Motion Record+Sensor Record
Previous OL Cancel

## NOTES

# LIMITED PRODUCT WARRANTY

VITEK products carry a three (3) year limited warranty. VITEK warrants to the purchaser that products manufactured by VITEK are free of any rightful claim of infringement or the like, and when used in the manner intended, will be free of defects in materials and workmanship for a period of three (3) years, or as otherwise stated above, from the date of purchase by the end user. This warranty is nontransferable and extends only to the original buyer or end user customer of a VITEK Authorized Reseller. The product must have been used only for its intended purpose, and not been subjected to damage by misuse, willful or accidental damage, caused by excessive voltage or lightning. The product must not have been tampered with in any way or the guarantee will be considered null and void. This guarantee does not affect your statutory rights. Contact your local VITEK Reseller should servicing become necessary. VITEK makes no warranty or guarantee whatsoever with respect to products sold or purchased through unauthorized sales channels. Warranty support is available only if product is purchased through a VITEK Authorized Reseller.

![](_page_11_Picture_2.jpeg)