

Network Video Recorder

Quick Installation Guide DS-4200-RM Pro+ Series

DS-4209/4212/4216/4220/4225/4232/

4236/42424249/4256/4264-RM Pro+

Quality Service Group

1.0.0.8

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Quick Installation Guide

Thank you for choosing DIGIEVER Network Video Recorder. The following quick guide will lead you to complete the installation and configuration of the NVR. Please read the following description carefully.

O Pre-installation Notice

Please make sure the following items are prepared for installing DIGIEVER NVR DS-4200-RM Pro+ Series.

- Network connection
- Configuration of network cameras
- Compatibility of network cameras
- Computer for configuring DIGIEVER NVR
- 1-4 hard disks
- Compatibility of hard disk with DIGIEVER NVR
- 1 slotted screwdriver and 1 Philips screwdriver

*For camera compatibility, please check our website

http://www.digiever.com/support/compatibility.php

O Remote PC System Requirements

The following are minimum system requirements for a personal computer to operate the DIGIEVER NVR in better performance:

- Operating System
 Microsoft[®] Windows[®] Vista/ 7/ 8 (32 and 64-bit)
- Browsers (32-bit) in Windows OS Microsoft® Internet Explorer 8.0 or above, Firefox 25 or above, Opera 17.0 or above, Safari5.1.7 or above
- CPU

For channels under 16 : Intel[®] Dual core CPU 3.0 GHz or above For channels over 16: Intel[®] i5/i7 CPU 3.3 GHz or above

Network

Minimum 10/100 Ethernet (Gigabit Ethernet is recommended)

Note: * User is suggested to connect cameras and NVR with Gigabit switch.

Memory

For channels under 16 : DDR3 4G or above For channels over 16: IDDR3 8G or above

Graphics Adapter

AGP or PCI-Express, minimum 1024×768, 16 bit colors, 1G memory or above

▲ **Note**: It is highly recommended to use a graphics adaptor which provides higher than resolutions 1024 x 768 in order to experience the full benefits of the software.

- Make sure the display DPI setting is set to default at 96DPI
 - To set DPI value, right-click on desktop, choose "**Settings**" tab >> "**Advanced**" >> "**General**."

CD-ROM Drive

It is necessary to read the operating instructions in the provided CD-ROM.

• Adobe Reader

It is necessary to read the operating instructions in the provided CD-ROM. The audio function will not work if a sound card is not installed in the PC. Audio may be interrupted depending on network traffic.





Package Contents







O Hardware Description



- 1. LED indicators: LAN1, LAN2, eSATA, HDD1, HDD2, HDD3, HDD4
- 2. Power button
- 3. USB BACKUP button Auto video backup
- 4. USB 3.0 x 1 (Support auto video backup)
- 5. HDD1
- 6. HDD2
- 7. HDD3
- 8. HDD4
- 9. Gigabit LAN x 2
- 10. USB 2.0 x 4
- 11. eSATA x 2 (reserved)
- 12. VGA output
- 13. HDMI output
- 14. DI/DO (4 in 2 out) Right to left: Vcc5V, GND, DI-1, DI-2, DI-3, DI-4, DO1, DO2
- 15. Reset button
- 16. Power connector

Generation Hard Disk Installation

Please follow the steps as illustrated below to install the hardware:

Please follow the steps as illustrated be	
① Take out the disk tray from NVR.	Connect the Ethernet cable to the port of Giga LAN.
② Install the hard disk in each tray and	S Connect the power cord to power
lock the disk with four screws. Ensure the disk holes match the holes at the base of disk tray.	connector.
Insert the disk tray into NVR and push it to the end.	Turn on the server and there is a beep to indicate the NVR is in booting process. Please wait for minutes until NVR beeps another time. The installation of NVR is complete right now.

O Connection to DIGIEVER NVR

Please insert the product CD-ROM on a PC to install EZ Search and S-NVR Decoder. Finally, you can start Quick Configuration on a web page.

- Install EZ Search for finding NVR in the network.
- Install S-NVR Decoder.
- Connect to the configured NVR and install the ActiveX control.

① Install EZ Search

Please execute the product CD and click "Install EZ Search."



Follow the instructions to install and the EZ Search will run automatically.



② Install S-NVR Decoder

Click "Install S-NVR Decoder" and follow the instructions to setup.



③ Connect to NVR

1. Connect to DIGIEVER NVR

After setting the EZ Search and S-NVR Decoder, the user can connect to the monitoring page by the following two options:

1) EZ Search

Once you click "**Connect**" or double click the selected NVR list, the IE browser will pop up automatically.

Setur	g Option		
Stand-	alone NVR List.		
NO	Name	IP	Search
1	DIGISTOR-4225 Pro	192.168.1.245	Setting
-			Connect
-			

2) IE browser

Log in to the system by entering its IP address in IE browser.

1 Note: There are 2 methods to set network:

Obtain an IP address automatically (NVR Default)

Obtain an available dynamic IP address assigned by a DHCP server. If this option is selected, DIGIEVER NVR will automatically obtain an available dynamic IP address from the DHCP server once it connects to the network.

Specify an IP address

If there is no DHCP server existing in network environments, the static IP address will be given as <u>192.168.1.245</u>. It should be adaptable in most networking environment, and user can choose to maintain the default IP address or change it in this page. However, it's recommended setting different IP address of DIGIEVER NVR if there is more than one DIGIEVER NVR in the same LAN.



2. Enter a user name and password

Log in the NVR with the default administer account (user name: admin, password: admin).



3. Install the ActiveX control in order to successfully view the interface of NVR from IE browser







Quick configuration

After you install the ActiveX control, the system will direct you to set Quick Configuration in 5 steps. Follow the instructions of the Overview of wizard to complete the system setup.

Duick Configuration - Start	
Quick Configuration	
Overview of wizard	
Welcome to the quick configuration wizard. This wiz to configure this system quickly.	ard will guide you through the following steps
1. Network Settins; Including the IP address, subnet primary DNS.	mask, default gateway IP address, and
2. Server Settings; The name represents this server	, and change the administrator password.
3. Date/Time; The time settings, enter the date, time,	or selects time zone for this server.
4. Disk Management; Initialize the disk volume on the	is server.
5. Camera settings; Add the IP cameras to be used for	or this server.
	Back Configuration Start

Once the five steps of Quick Configuration are complete, you can click "**Start Liveview**" to start monitoring.

Completed		
Completed		
	ade to server are show as below. Click Start Liveview to monitoring, or e previous steps to modify the settings. If you want to modify other items n at rigth top	
	Step 1 - Network Setup	
	Specify an IP address	
	192.168.1.245	
	255 255 255 0	
	192.168.1.1	
	192.168.1.1	
	Step 2 - Server Settings	
	DIGISTOR-4225 Pto	
	Step 3 - Date/Time	
	2011/8/10 3:50 31	
	Step 4 - Disk Management	
	linear (Big Drive) Step 5 - Camera Settings	

For further details of Quick Configuration, please refer to the user manual. When the live view is displayed, you have successfully installed the DIGIEVER NVR. Congratulations!