COMPRO
TECHNOLOGY

RS-2104

**Network Video Recorder
Quick Installation Guide**

Package Contents

Please check the package contents. If anything is missing, please don't hesitate to contact your local distributor.

Network video recorder
(HDD not included)

RJ-45 LAN cable

Power adaptor (DC12V)

Installation CD

Quick installation guide

Screw for HDD holder x 4
Screw for casing (M3x15) x 2
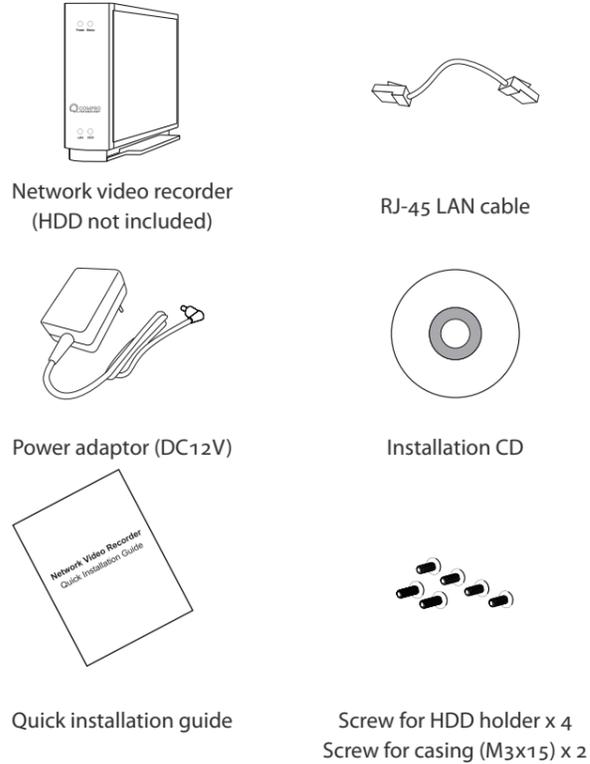
Hardware Layout
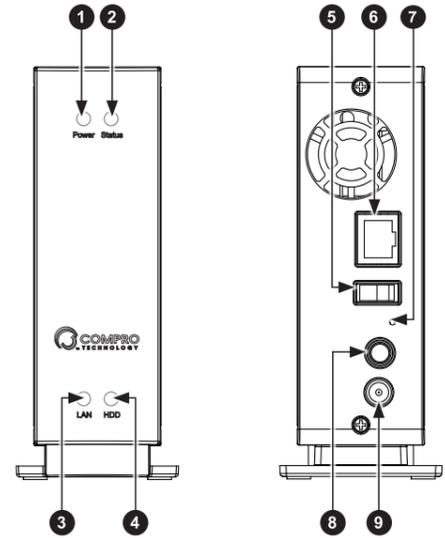
1. Power LED
2. Status LED
3. LAN LED
4. HDD LED
5. USB port
6. LAN port
7. Reset button
8. Power button
9. Power connector

Install Hard Disk Drive

1. Power off the NVR (Network Video Recorder) and disconnect the power adapter. Then remove the 2 screws that hold the hard disk holder to the casing, and gently pull out the hard disk holder.
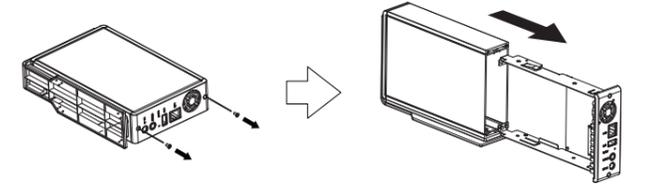
2. Align the mounting holes on the hard drive with the corresponding holes on the hard disk holder, and connect the hard drive connector to the SATA connector on the circuit board. Then secure the hard drive using 2 screws on each side of the hard disk holder.
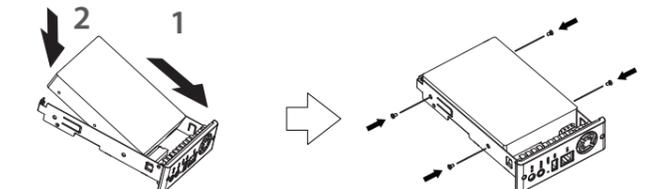
3. Gently slide the hard disk holder back into the casing. Finally, secure the hard disk holder to the casing with screws (use 2 M3x15 screws on the bottom).
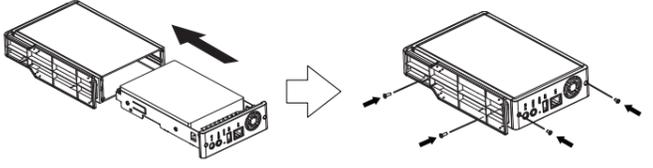
Caution: Compro does not guarantee full compatibility across all hard drives. Please select a compatible hard drive model from www.comprousa.com.

Connect the Cables
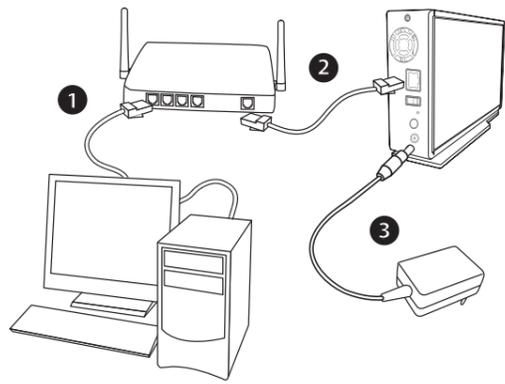
1. **LAN cable from PC to hub/router:** If your LAN cable from PC has been connected to the Cable/ADSL modem, please re-connect it to the LAN port of your hub/router.

2. **LAN cable from NVR to hub/router:** Use the bundled RJ-45 LAN cable to connect the LAN port of the NVR to the LAN port of your hub/router.

3. **Power:** Attach the power adapter to the NVR's power connector located at its rear panel. Then connect the power plug to a power outlet, and power on the NVR.

Set Up the Software

1. Insert the installation CD into your CD-ROM drive, and the iWizard installer will start automatically (If "Autorun" has been disabled on your PC, please browse the contents of the installation CD and double-click the "iWizard" executable to run the setup wizard.) You will be asked to select the displayed language first. Then choose [Device Setup], and click on the type of Compro surveillance product you wish to install, and select a model from the list. And hit [OK] to proceed with the 1st step.

In step 1, connect the device according to the instruction. In step 2, The wizard searches for all the available Compro IP surveillance products on your LAN network. Select the device you are setting up from the list, and then the live video and device information will be showed on the right. You may also double-click on any item on the "Connected Device(s)" list to view its live video on your web browser. (Meanwhile, the Windows Security Alert dialog may appear. Please click [Unblock] to unblock it from your Windows firewall when it pops up.)

2. Compro recommends you enter a new password to protect your device. You can also click [Next] to skip this step. (The default password is "admin".)

3. Please enter your device name and set the system date and time.

4. Choose to obtain IP address automatically (DHCP) or manually configure IP address. Then configure your connection port and hit [Next].

5. If you want to use iDDNS service, please click [Yes] and input your desired address name. Then press [Check Availability] to check if the entered address has been used. (Refer to the user manual for the detailed information on Compro iDDNS.)
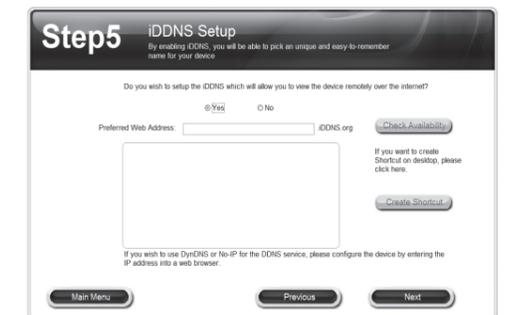
6 Enter the volume name. In a later step, the iWizard will create a new disk volume and all data on the disk will be lost. When ready, click [Next], and then a confirmation dialog box appears (the volume will be formatted later). Click [Yes] to proceed to the next step in which the iWizard automatically searches for available network cameras on your LAN network and sets up camera connections for the NVR system.

In addition, after the setup has been completed, you will be able to manage the disk volume by logging into the NVR's web browser interface.

Step5 Storage Setup
Please define a disk configuration for the recording system

Physical Disk(s)		
Disk	Model	Capacity
Disk 1	Hitachi HDS72302	2000.3 GB

Volume Label:
Disk / Volume Configuration: Single Disk

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7 You can manually set up a camera channel by clicking the plus sign icon to launch camera setup wizard. Click the minus sign icon to remove a camera connection from the list.

Step5 Camera Setup

Channel	Camera name	Manufacturer	IP Address
1	41	Compro	192.168.0.02
2	COMPRO IP570 - 0019FB33ABDC	Compro	192.168.0.96
3	COMPRO IP60 - 0019FB320A96	Compro	192.168.0.115
4	COMPRO NC150_V2 - 0019FB370000	Compro	192.168.0.136

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8 Here it displays the old and new settings. When ready, click [Next] to continue. Click [Previous] if you wish to change the settings you've made so far.

Step6 Review Changes
Checking that changes had been correctly set

Old Settings		New Settings	
Device Name:	COMPRO NVR - RS2104	Device Name:	COMPRO NVR - RS2104
IP Address:	169.254.144.191	IP Address:	DHCP
HTTP Port:	80	HTTP Port:	80
RTSP Port:	554	RTSP Port:	554
Connection Type:	Wired	Connection Type:	Wired
SN:	0019FB19F0FE	SN:	0019FB19F0FE
Firmware:	1.1	Firmware:	1.1
iDDNS:	none	iDDNS:	none

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9 The iWizard will load the settings into your device and quick-format your hard drive. (The disk formatting process may take a while). Please wait patiently and DO NOT interrupt the process.

Step7 Saving Changes
The new settings are being applied to the device

The installation Wizard is programming the device with the settings which you've just entered.

6%

Initialize System	0%
Format HDD	0%
Set Up Device	0%
Set Up Network	0%
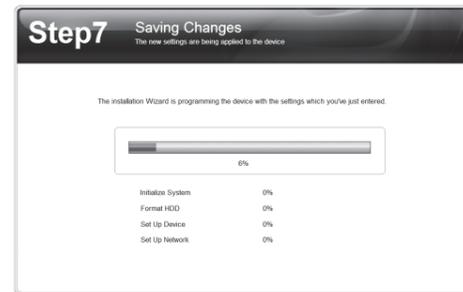
10 The iWizard runs system diagnosis based on your network settings and will alert you for inappropriate settings. (You need to set up port forwarding on your router to enable remote monitoring; refer to the user manual for more information.)

Step8 System Diagnostics
The changes had been saved to the desired device. The result below is a diagnostic of your network

Live View

Device Name:	COMPRO NVR - RS2104
IP Address:	192.168.0.237
Gateway:	DHCP Mode
HTTP Port:	80
RTSP Port:	554
Connection Type:	Wired
SN:	0019FB19F0FE
Firmware:	1.1
iDDNS:	none

Retest

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11 You can click the link on the screen to monitor and manage the NVR now using your web browser. If you want to set up another device from scratch, click [Yes]. Otherwise, click [No] to exit the setup wizard.

Step9 Multi-device Setup
If you wish to set up another device from scratch, you may do so by pressing the Yes button

Congratulations, you have successfully set up the network device. You can start using the device by entering the IP address into the address bar of your browser.

http://192.168.0.237:80

Do you wish to set up another device?

Yes | No

Main Menu

Log Into NVR on Internet Explorer

To log in to your NVR using Internet Explorer, first you need to know the current IP address of your NVR, provided that the NVR and your PC have been connected to your LAN network or the Internet. Compro recommends using the iWizard tool to search for your NVR on your LAN network. The IP address will then be revealed in the search result.

Having determined the NVR's IP address, you may now:

1. Open the Internet Explorer on your Windows system.
2. Enter the NVR's IP address in the address bar. (E.g. 192.168.0.100)
3. An "Enter Network Password" window that requests the user name and password will appear; enter your user name and password (both are "admin" by default) and hit [OK].
4. After valid user name and password are entered, Internet Explorer will prompt the installation of NVR software from "Compro Technology, Inc."
5. Click on the warning message and choose to install the ActiveX Control.

Install ActiveX Control...
What's the Risk?
Information Bar Help
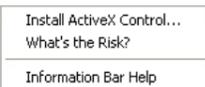
6. And then the reconfirmation dialog will appear on the screen. Please press [Install] twice to install NVR software.

Internet Explorer - Security Warning
Do you want to install this software?
Name: NVR_ActiveX.cab
Publisher: Compro Technology, Inc.
More options
While files from the Internet can be useful, this file type can potentially harm your computer. Only install software from publishers you trust. What's the risk?
Install | Don't Install

7. Meanwhile, the Windows Security Alert dialog box may pop up. When you see it, please click [Unblock] to unblock it from firewall.
8. Afterwards, Internet Explorer may pop up a Security Warning dialog box asking "Do you want to run this ActiveX control." Please hit [Run] twice to run both the "Compro NVR LiveView ActiveX" and "Compro NVR Playback ActiveX."
9. Now you have successfully logged in and can start monitoring and managing your NVR on the Internet Explorer.

LED Status Indicators

Listed below is the behavior of the LED indicators located at the front panel.

LED	Color	State and Indication
Power	Green/ Red	• **Unlit** – No power. • **Constant Green** – System is powered on. • **Flashing Green** – System is booting up.
Status	Green/ Red	• **Constant Green** – System is ready for use. • **Flashing Green** – Copying data via USB port; when a USB device is succfully mounted, the status LED flashes in green in a period of 3 seconds. • **Flashing Red** – Firmware upgrade is in progress.
LAN	Green/ Red	• **Unlit** – System is not connected to the LAN. • **Constant Green** – System is connected to the LAN. • **Constant Red** – LAN connection error; unable to obtain IP address. • **Flashing Green** – Setup is in progress.
HDD	Green/ Red	• **Unlit** – No HDD. • **Constant Green** – HDD has been mounted. • **Constant Red** – Failed to mount HDD.

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