



**tx**PER<sup>®</sup>

# Quick Installation Guide

nVR-15W/15RW

[www.telexper.com](http://www.telexper.com)

# 1

## Network Video Recorder VR-15W/15RW

- **Installation**

Connect the nVR to the CMS network; the CMS system will auto detect the nVR devices without any additional configuration.◦

- **Record Function**


Please use CMS to manage the recording task

- **Product Overview**

[nVR-15W / 15RW](#)



## Network Video Recorder RAID 5 Setup

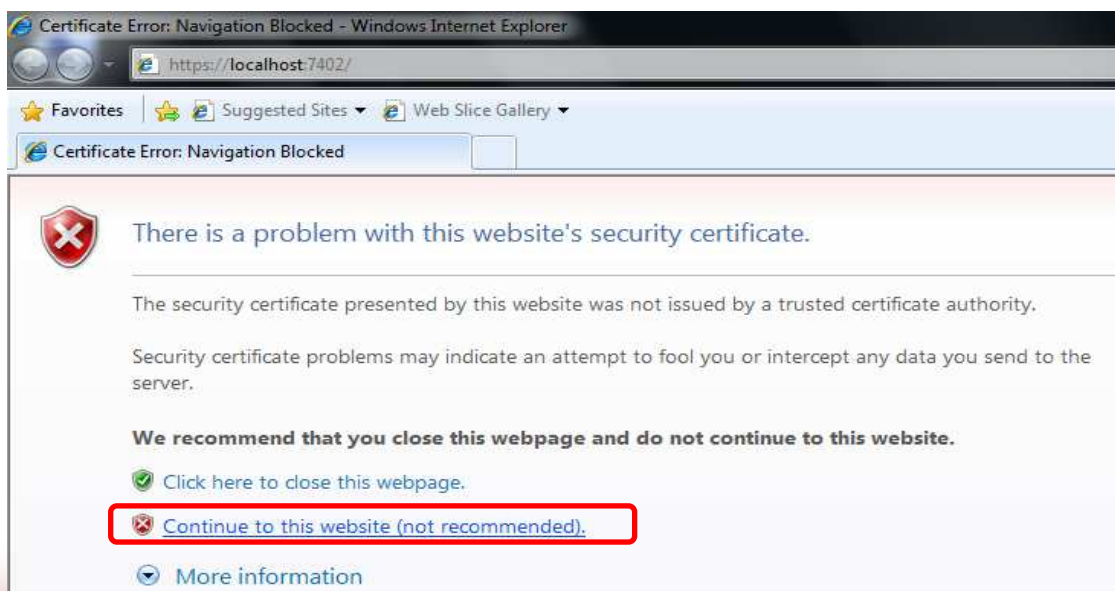
1. Insert HDD to NVR and restart the system. A pop-up window (see picture below) will appear. Click  to stop the program.



2. On your system desktop, double-click **HighPoint Web RAID Management**



3. Internet Explorer will be initiated automatically. Please select "Continue to this website (not recommended)" to continue to the main page of **HighPoint Web RAID Management**.




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4. Enter User Name: RAID, Password: hpt, and then click .

HighPoint Web RAID Management 1.4.9

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5. After log in successfully, you will see **Logical Device Information** page.
- ◆ Ensure the quantity of HDD is correct. If not, please turn off the system to check whether HDDs were inserted properly or were defective.
  - ◆ Under **Physical Device Information** section, you can distinguish the new/used status of the HDDs from the HDD icon. HDD icon with letter **L** (Legacy) on it is for used HDD. HDD icon without any letter is for new HDD.

Logical Device Information						
Name	Type	Capacity	Cache Policy	SectorSize	OS Name	Status
 Device_1_2	Hard Disk	160.04 GB			HPT DISK 0_0	Legacy

Physical Device Information			
Location	Model	Capacity	Max Free
 1/1	ST31500341AS-9VS4CCS0	1.50 TB	1.50 TB
 1/2	ST3160815SV-6RAF9S3B	160.04 GB	0.00 GB
 1/3	ST31500341AS-9VS4GP90	1.50 TB	1.50 TB
 1/4	ST31500341AS-9VS4EA9B	1.50 TB	1.50 TB
 1/5	ST31500341AS-9VS4FRQS	1.50 TB	1.50 TB
 1/6	ST31500341AS-9VS4G724	1.50 TB	1.50 TB
 1/7	ST31500341AS-9VS4FZCZ	1.50 TB	1.50 TB

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6. After checking the HDD Status, go to **Manage**, then select **Device**.

The screenshot shows the HighPoint Technologies, Inc. web interface. The top navigation bar includes 'Manage Array', 'Event', 'Task', 'Setting', 'SHI', 'Logout', and 'Help'. The 'Device' sub-menu is highlighted. Below the navigation bar, there is a 'Spare Pool' section and a 'Logical Device Information' table. The table has columns for Name, Type, Capacity, Cache Policy, SectorSize, OS Name, and Status. One device is listed: Device\_1\_2, Hard Disk, 160.04 GB, HPT DISK 0\_0, Legacy. Below the table is a 'Create Array' button. Further down is the 'Physical Device Information' table with columns for Location, Model, Capacity, and Max Free. Two devices are listed: 1/1 (1.50 TB) and 1/2 (160.04 GB).

Name	Type	Capacity	Cache Policy	SectorSize	OS Name	Status
Device_1_2	Hard Disk	160.04 GB			HPT DISK 0_0	Legacy

Location	Model	Capacity	Max Free
1/1	ST31500341AS-9VS4CCS0	1.50 TB	1.50 TB
1/2	ST3160815SV-6RAF9S3B	160.04 GB	0.00 GB

7. Under **Manage** page, click **Initialize Devices** to enter **Initialize Physical Device** page.

The screenshot shows the HighPoint Technologies, Inc. web interface. The top navigation bar includes 'Manage', 'Event', 'Task', 'Setting', 'SHI', 'Logout', and 'Help'. Below the navigation bar, there is a 'Rescan Devices' button and a highlighted 'Initialize Devices' button. Below the buttons is the 'Controller 1 (RocketRAID 2340 SATA Controller v1.4)' section. The table has columns for Device, Model, Capacity, and Max Free. Three devices are listed: Device\_1\_1 (1.50 TB), Device\_1\_2 (160.04 GB), and Device\_1\_3 (1.50 TB).

Device	Model	Capacity	Max Free
Device_1_1	ST31500341AS-9VS4CCS0	1.50 TB	
Device_1_2	ST3160815SV-6RAF9S3B	160.04 GB	
Device_1_3	ST31500341AS-9VS4GP90	1.50 TB	

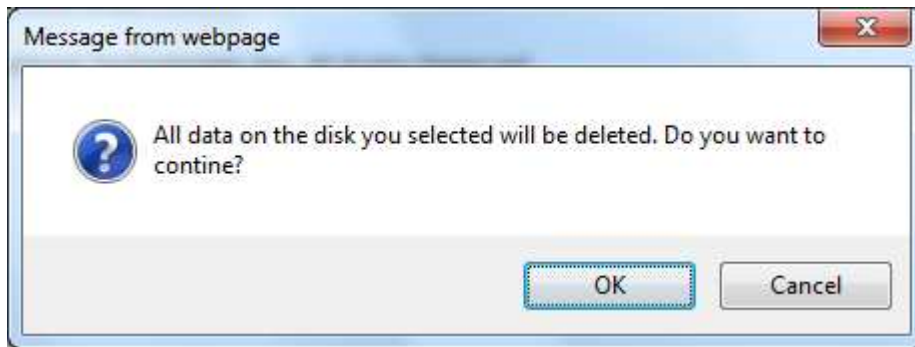
8. Click **Select All** to select all un-initialized HDD, and then click **Submit** to start.

The screenshot shows the HighPoint Technologies, Inc. web interface. The top navigation bar includes 'Manage', 'Event', 'Task', 'Setting', 'SHI', 'Logout', and 'Help'. Below the navigation bar, there is a 'Select All' button and a 'Submit' button. Below the buttons is the 'Initialize Physical Devices' section. The table has columns for Device, Model, Capacity, and Max Free. One device is listed: Device\_1\_2 (160.04 GB).

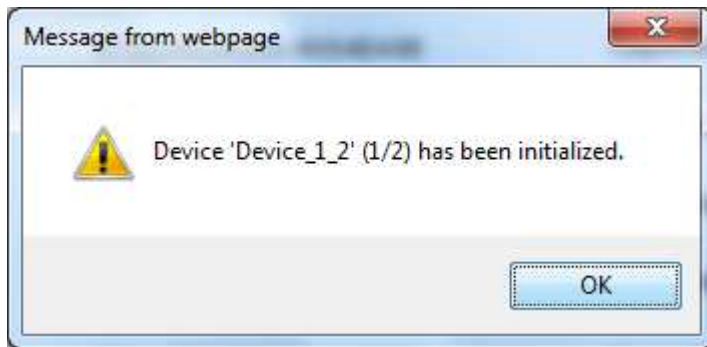
Device	Model	Capacity	Max Free
Device_1_2	ST3160815SV-6RAF9S3B	160.04 GB	

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9. Click **OK** on “All data on the disk you selected will be deleted. Do you want to continue?”



10. System will message you for every completion of each HDD.



11. After completion of HDD initializing, there will be no letter on the HDD icons on the

**Physical Device Information.**

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Manage Event Task Setting SHI Logout Help

Rescan Devices Initialize Devices

**Controller 1 (RocketRAID 2340 SATA Controller v1.4)**

Device 1 1	Model	ST31500341AS-9VS4CCS0	Capacity	1.50 TB
Device 1 2	Model	ST31500341AS-9VS4FZ7C	Capacity	1.50 TB
Device 1 3	Model	ST31500341AS-9VS4GP90	Capacity	1.50 TB
Device 1 4	Model	ST31500341AS-9VS4EA9B	Capacity	1.50 TB
Device 1 5	Model	ST31500341AS-9VS4FRQS	Capacity	1.50 TB
Device 1 6	Model	ST31500341AS-9VS4G724	Capacity	1.50 TB
Device 1 7	Model	ST31500341AS-9VS4FZCZ	Capacity	1.50 TB
Device 1 8	Model	ST31500341AS-9VS4EZRB	Capacity	1.50 TB
Device 1 9	Model	ST31500341AS-9VS4EFTR	Capacity	1.50 TB
Device 1 10	Model	ST31500341AS-9VS4FPCS	Capacity	1.50 TB
Device 1 11	Model	ST31500341AS-9VS4FCB1	Capacity	1.50 TB
Device 1 12	Model	ST31500341AS-9VS4FP6L	Capacity	1.50 TB
Device 1 13	Model	ST31500341AS-9VS4FPG4	Capacity	1.50 TB
Device 1 14	Model	ST31500341AS-9VS4FPS1	Capacity	1.50 TB
Device 1 15	Model	ST31500341AS-9VS4D46G	Capacity	1.50 TB

12. Go to **Manage** and select **Array**.

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Manage Array Device Spare Pool Initialize Devices

**Controller 1 (RocketRAID 2340 SATA Controller v1.4)**

Device 1 1	Model	ST31500341AS-9VS4CCS0	Capacity	1.50 TB
Device 1 2	Model	ST31500341AS-9VS4FZ7C	Capacity	1.50 TB

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13. Click **Create Array** to enter **Create Array** Page.

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Manage Event Task Setting SHI Logout Help

### Logical Device Information

Name	Type	Capacity	Cache Policy	SectorSize	OS Name	Status
<b>Create Array</b>						

### Physical Device Information

Location	Model	Capacity	Max Free
1/1	ST31500341AS-9VS4CCS0	1.50 TB	1.50 TB
1/2	ST31500341AS-9VS4F77C	1.50 TB	1.50 TB

14. Under **Create Array** page, select **RAID 5** for Array Type, **Foreground** for Initialization Method. Click **Select All** to select all HDDs, and then click **Create** to begin.

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Manage Event Task Setting SHI Logout Help

### Create Array

Array Type: RAID 5

Array Name: Default

Initialization Method: Foreground

Cache Policy: Write Back

Block Size: 64K

Number of RAID5 member disks: 3

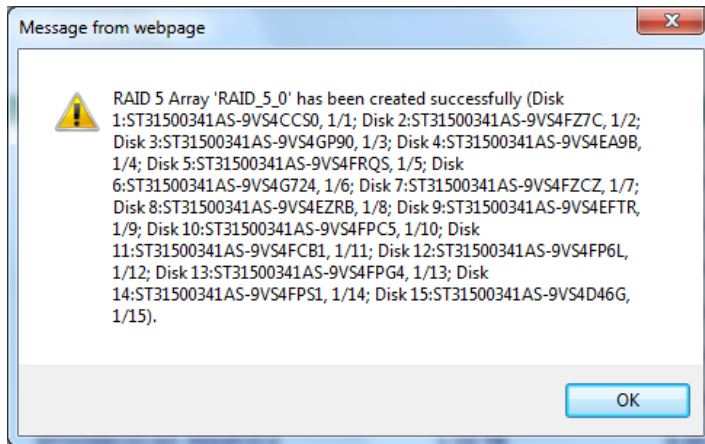
**Select All**

Location	Model	Capacity	Max Free
<input checked="" type="checkbox"/> 1/1	ST31500341AS-9VS4CCS0	1.50 TB	1.50 TB
<input checked="" type="checkbox"/> 1/2	ST31500341AS-9VS4F77C	1.50 TB	1.50 TB
<input checked="" type="checkbox"/> 1/3	ST31500341AS-9VS4GP90	1.50 TB	1.50 TB
<input checked="" type="checkbox"/> 1/4	ST31500341AS-9VS4EA9B	1.50 TB	1.50 TB
<input checked="" type="checkbox"/> 1/5	ST31500341AS-9VS4FRQS	1.50 TB	1.50 TB
<input checked="" type="checkbox"/> 1/6	ST31500341AS-9VS4G724	1.50 TB	1.50 TB
<input checked="" type="checkbox"/> 1/7	ST31500341AS-9VS4FZCZ	1.50 TB	1.50 TB
<input checked="" type="checkbox"/> 1/8	ST31500341AS-9VS4EZR8	1.50 TB	1.50 TB
<input checked="" type="checkbox"/> 1/9	ST31500341AS-9VS4EFTR	1.50 TB	1.50 TB

Available Disks:



15. A message will appear upon completion.



16. Initialization process will begin upon array creation.

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Manage Event Task Setting SHI Logout Help

### Logical Device Information

Name	Type	Capacity	Cache Policy	SectorSize	OS Name	Status
RAID_5_0	RAID 5	21.00 TB	Write Back	512B		<div style="border: 1px solid red; padding: 5px;">                     Initializing (Foreground) 3%                        remaining time:05:23:41                 </div> <a href="#">Maintenance</a>

Create Array

### Physical Device Information

Location	Model	Capacity	Max Free
1/1	ST31500341AS-9VS4CCS0	1.50 TB	0.00 GB
1/2	ST31500341AS-9VS4FZ7C	1.50 TB	0.00 GB

17. Upon initialization process, the status will become **Normal**.

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Manage Event Task Setting SHI Logout Help

### Logical Device Information

Name	Type	Capacity	Cache Policy	SectorSize	OS Name	Status
RAID_5_0	RAID 5	21.00 TB	Write Through	512B	HPT DISK 0_0	<div style="border: 1px solid red; padding: 2px;"> <b>Normal</b> </div> <a href="#">Maintenance</a>

Create Array

### Physical Device Information

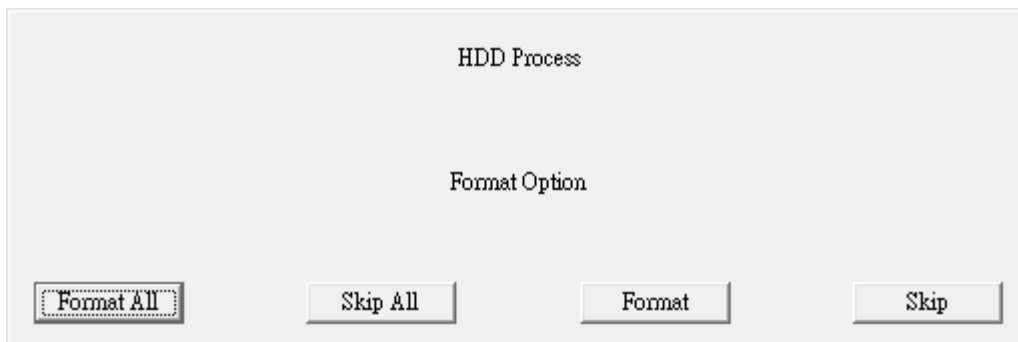
Location	Model	Capacity	Max Free
1/1	ST31500341AS-9VS3Z5RS	1.50 TB	0.00 GB

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18. Please restart the system.
19. When you restart the system, the **System Process** window will appear. This time, please **do not** click  and wait 30 seconds for this window to disappear.



20. The system will ask for HDD formatting. Please click  to begin HDD formation process.



21. Upon HDD formation, the system will automatically restart again and start NVR program.

**Notice:** If the network video recorder is nVR-15 or nVR-15 RAID series, please insert the HDD rack from left bottom to the right top, in order to prevent no detection of HDD.