

# Firmware Upgrade Procedure

**Procedure** Follow the steps below to upgrade the Dahua DVR firmware.

Step	Action																																																
1	<p>Right-click on Main Menu.</p> <p><b>Note:</b> There are two types of menus. Refer to the image below that reflects the menu on the monitor.</p> <table border="1" data-bbox="349 529 1393 976"> <thead> <tr> <th data-bbox="349 529 841 558">Two Row Menu</th> <th data-bbox="841 529 1393 558">Three Row Menu</th> </tr> </thead> <tbody> <tr> <td data-bbox="349 558 841 976">  <p>A screenshot of a two-row menu. The top row contains 'View 1' and 'View 4'. The bottom row contains 'Pan/Tilt/Zoom', 'AutoFocus', and 'Color Setting'. Below these are 'Search', 'Record', 'Remote Device', and 'Alarm Output'. The 'Main Menu' option at the bottom is highlighted with a green box.</p> </td> <td data-bbox="841 558 1393 976">  <p>A screenshot of a three-row menu. The top row contains 'View 1', 'View 4', 'View 8', and 'View 9'. The second row contains 'View PIP', 'Pan/Tilt/Zoom', 'AutoFocus', and 'Color Setting'. The third row contains 'Search', 'Manual', 'Remote Device', and 'Video Matrix'. The 'Main Menu' option at the bottom is highlighted with a blue box.</p> </td> </tr> </tbody> </table>	Two Row Menu	Three Row Menu	 <p>A screenshot of a two-row menu. The top row contains 'View 1' and 'View 4'. The bottom row contains 'Pan/Tilt/Zoom', 'AutoFocus', and 'Color Setting'. Below these are 'Search', 'Record', 'Remote Device', and 'Alarm Output'. The 'Main Menu' option at the bottom is highlighted with a green box.</p>	 <p>A screenshot of a three-row menu. The top row contains 'View 1', 'View 4', 'View 8', and 'View 9'. The second row contains 'View PIP', 'Pan/Tilt/Zoom', 'AutoFocus', and 'Color Setting'. The third row contains 'Search', 'Manual', 'Remote Device', and 'Video Matrix'. The 'Main Menu' option at the bottom is highlighted with a blue box.</p>																																												
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## Firmware Upgrade Procedure, Continued

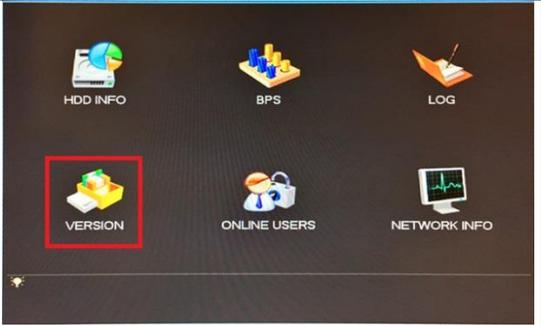
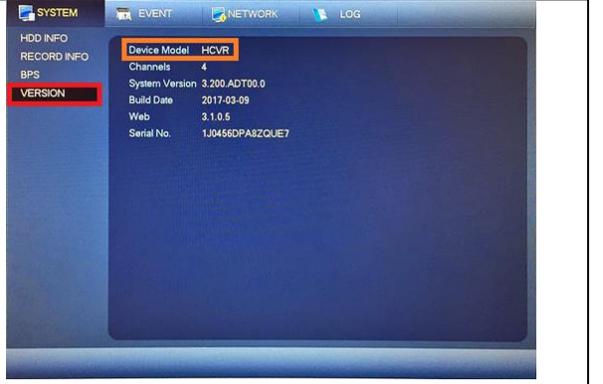
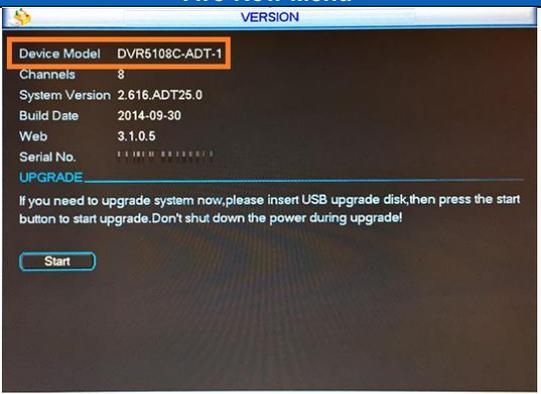
*Procedure, continued*

Step	Action
2	Determine the model of the DVR. Refer to the model number on the sticker on the side or bottom of DVR. Is the sticker visible? <ul style="list-style-type: none"> <li>• If yes, write down the model number, and then go to 6.</li> <li>• If no, go to step 3.</li> </ul>
3	Click <b>INFO</b> (Two-Row Menu) or <b>SYSTEM</b> (Three-Row Menu).
<div style="text-align: center; border: 1px solid black; padding: 5px;"> <b>Two Row Menu</b>   </div>	<div style="text-align: center; border: 1px solid black; padding: 5px;"> <b>Three Row Menu</b>   </div>
Click on <b>INFO</b> .	In the <b>INFO</b> section, click on <b>SYSTEM</b> .

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# Firmware Upgrade Procedure, Continued

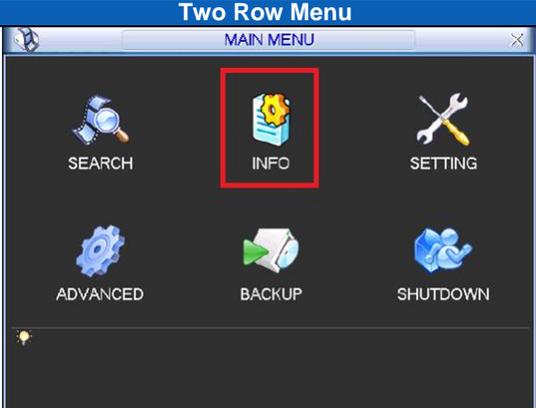
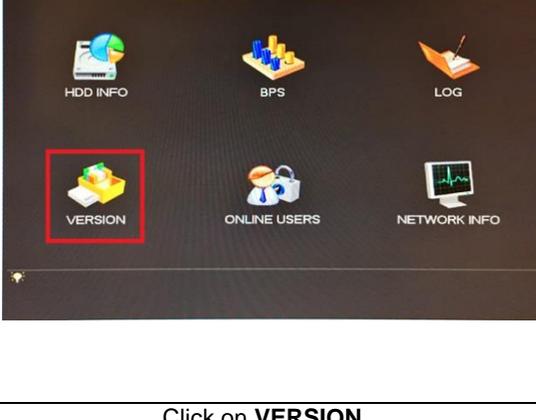
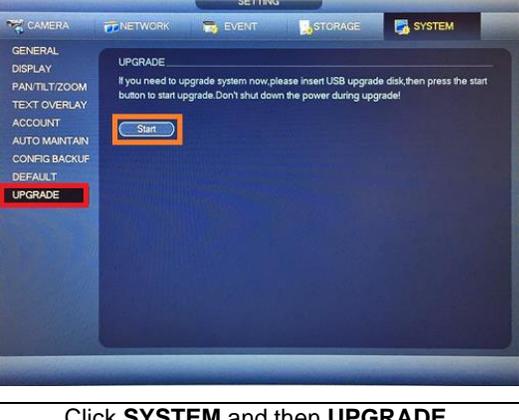
*Procedure, continued*

Step	Action
4	Click <b>VERSION</b> .
<div data-bbox="219 426 760 777"> <p style="text-align: center;"><b>Two Row Menu</b></p>  </div>	<div data-bbox="808 426 1411 835"> <p style="text-align: center;"><b>Three Row Menu</b></p>  </div>
5	Obtain the <b>Device Model</b> and write it down, and then go to step 6.
<div data-bbox="219 877 760 1297"> <p style="text-align: center;"><b>Two Row Menu</b></p>  </div>	<div data-bbox="808 877 1411 1287"> <p style="text-align: center;"><b>Three Row Menu</b></p>  </div>
6	<p>Click the link below to access the Dahua firmware upgrade page. Click the DVR model link to download the upgraded firmware.</p> <p><a href="http://linksinet.com/download.html">http://linksinet.com/download.html</a></p>
7	<p>Go the download location on the computer, and then transfer the file to the USB drive; upon completion of the file transfer, remove the USB thumb-drive.</p> <p><b>Important:</b> Do not email the file. Emailing the file changes the file type making it unusable for updating the DVR.</p>
8	Locate the DVR's USB port (front or back of the unit), and then plug in the USB thumb-drive.
9	<p>Does the DVR provide a system upgrade prompt?</p> <ul style="list-style-type: none"> <li>• If yes, click on System Upgrade.</li> <li>• If no, go to step 10.</li> </ul>

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# Firmware Upgrade Procedure, Continued

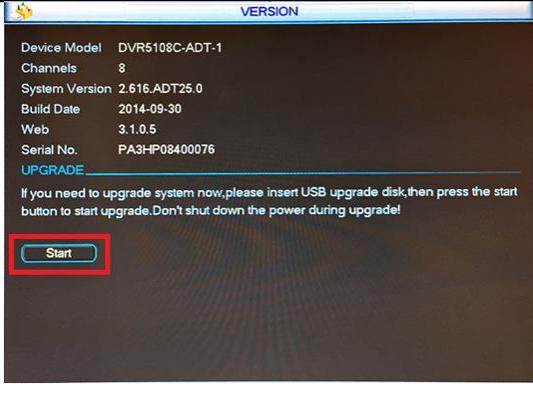
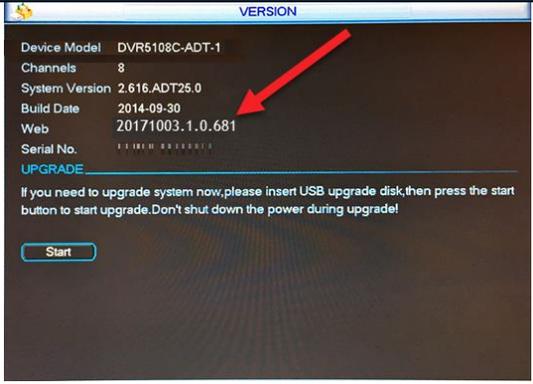
*Procedure, continued*

Step	Action
10	Click <b>INFO</b> (Two-Row Menu) or <b>SYSTEM</b> (Three-Row Menu).
<div data-bbox="219 464 755 877">  <p>The screenshot shows a 'MAIN MENU' window with six icons: SEARCH, INFO (highlighted with a red box), SETTING, ADVANCED, BACKUP, and SHUTDOWN.</p> </div>	<div data-bbox="820 464 1339 877">  <p>The screenshot shows a 'MAIN MENU' window with three sections: OPERATION (SEARCH, BACKUP, SHUTDOWN), INFO (SYSTEM, EVENT, NETWORK, LOG), and SETTING (CAMERA, NETWORK, EVENT, STORAGE, SYSTEM). The SYSTEM icon in the SETTING section is highlighted with a red box.</p> </div>
	Click on <b>INFO</b> .
	In the <b>SETTING</b> section, click on <b>SYSTEM</b> .
11	Click <b>VERSION</b> (Two-Row Menu) or <b>SYSTEM</b> (Three-Row Menu).
<div data-bbox="219 1003 755 1423">  <p>The screenshot shows a menu with six icons: HDD INFO, BPS, LOG, VERSION (highlighted with a red box), ONLINE USERS, and NETWORK INFO.</p> </div>	<div data-bbox="820 1003 1339 1423">  <p>The screenshot shows the 'SETTING' menu with 'SYSTEM' selected. The 'UPGRADE' option is highlighted with a red box, and a 'Start' button is visible.</p> </div>
	Click on <b>VERSION</b> .
	Click <b>SYSTEM</b> and then <b>UPGRADE</b> .

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# Firmware Upgrade Procedure, Continued

*Procedure, continued*

Step	Action
12	<p>Click on <b>Start</b>.</p> <div style="display: flex; justify-content: space-around;"> <div data-bbox="207 449 760 890"> <p style="text-align: center;"><b>Two Row Menu</b></p>  </div> <div data-bbox="764 449 1395 890"> <p style="text-align: center;"><b>Three Row Menu</b></p>  </div> </div>
13	<p>The DVR takes approximately five-minutes to upgrade. Upon complete the DVR reboots itself.</p>
14	<p>Check Web field for the DVR's firmware version by repeating steps 1 – 5 to ensure it is upgraded. The Web field indicates the date the firmware was uploaded to the Dahua site. Is the firmware upgraded?</p> <ul style="list-style-type: none"> <li>• If yes, update is complete.</li> <li>• If no, repeat steps 10-13.</li> </ul>
<p style="text-align: center;"><b>Two Row Menu</b></p> 	<p style="text-align: center;"><b>Three Row Menu</b></p> 