

Upgrading your unit's firmware is a vital part of keeping your DVR healthy and in optimal working order. Firmware can improve your unit's functionality, add features and even resolve some issues. These are instructions for upgrading your firmware from the DVR.

Step 1.

Log in to your unit. Right-click and select "Setup Menu."

	Admin			
HDOG.	Display	•	HDOG	
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Step 2.

Select "SYSTEM > System Info."



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Step 3.

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You will find the firmware version you currently use about halfway down the page. Press "Upgrade."

The next steps will be broken down into two methods:

"A" Will refer to the FTP (network method).

"B" Will refer to the USB method.

Ö 🕩 🖬 🔾 🤣	SYSTEM
System Info User	Configuration HDD Default
Date/Time HD Resolution	09/28/2015 15:24:13 1024x768
Language Remote II	English T
Version	6.2.0.1.16 Upgrade
Video Signa IP Address Mac Address	I PAL 192.168.1.160 3C:04:BF:07:09:3B
Keyboard II Keyboard	1 Image: Second state state DWKB-100 Image: Baudrate state Image: Keypad Beep NTP Display Screen Saver
Default Default	Save Cancel

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Step 4A (FTP).

There are two methods to upgrade the firmware; over the network (FTP) and with a thumb drive (USB). We will first go over the FTP method. By default, the unit will be on FTP. All of the default information should be correct. Simply press the "check" button.

Device Scan Upgrade File Name FTP address ftp.dwcc.tv User/Password vmax960 & tttttt Check Firmware 00:00 Current Ver. 6.2.0.1.16 New Ver. 0.0.0.0 Warning Do not remove the device or turn off power while the system upgrade is in progress	Wethod	FTP
FTP address ttp.dwcc.tv Image: Check User/Password vmax960 ******* Image: Check Check Firmware 00:00 Image: Check Image: Check Current Ver. 6.2.0.1.16 Image: Check Image: Check New Ver. 0.0.0.0 Image: Check Image: Check Do not remove the device or turn off power while the system upgrade is in progress Image: Check	Device Upgrade File Name	Scan
Check Firmware 00:00 Current Ver. 6.2.0.1.16 New Ver. 0.0.0.0 Warning Do not remove the device or turn off power while the system upgrade is in progress	FTP address User/Password	ftp.dwcc.tv Ø Check vmax960
Warning Do not remove the device or turn off power while the system upgrade is in progress	Check Firmware Current Ver New Ver	00:00 6.2.0.1.16 0.0.0.0.0
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Save Cancel		Save Cancel

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Step 5A.

Your DVR should find the newest version. It will either say "New Version" or "Current Version is Up to Date." Press the confirmation button.

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Sy: Upgrade	
Method FTP Device Upgrade File Name	Scan
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Step 6A.

Wait. You will see the bottom display information about the progress.

Method Device Upgrade File Name FTP address User/Password Check Firmware Current Ver. New Ver	FTP ftp.dwcc.tv vmax960 00:00 6.2.0.1.16	Ø	Scan Check
	Warning	3	
Do not rem while the	system upgrad	or turn off power de is in progres	er s
Downloading [0%]			

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Step 4B. (USB)

Download the current firmware from our website. You can find your model, then select the "Software" tab, where we will have the most up to date versions available. Download the file and copy it to a thumb drive. The one we're using in this example is found at http://digital-watchdog.com/productdetail/vmax-ahd-core-8-channel/.

Step 5B.

Plug the USB stick in the front of the unit. Change the method to USB. You will notice that the FTP information is not being used. This is normal.

Upgrade		
Method Device	USB	▼ Scan
Upgrade File Name		
FTP address	ftp.dwcc.tv	Check
User/Password	vmax960	I I I I I I I I I I I I I I I I I I I
Check Firmware	00 00	
Current Ver.	6.2.0.1.16	
New Ver.	0.0.0.0	
	Warning	
Do not ren while the	nove the device or turn off pov system upgrade is in progre	ver
	Save	Cancel
eracint rierp		

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Step 6B.

Press "Scan." You will notice the USB is found instantly, the newest version will display, and a start button appears at the bottom. Press "Start."

Upgrade				
Method Device Upgrade File Name FTP address User/Password Check Firmware Current Ver.	USB USB 0 SVS800_201507 ftp.dwcc.tv vmax960 00:00 6.2.0.1.16	703_1709_6_2	• •_1_ • •	Scan 17_Bd Check
New Ver.	6.2.0.1.17	Section Section 1994	1.0.0	
Warning Do not remove the device or turn off power				
while the system upgrade is in progress				
	Start	Save	C	Cancel

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Step 7.

Both methods will end in the same way; waiting for the upgrade to finish. Both methods will take anywhere from 3-5 minutes. The next screen shows the progress of the upgrades installing. After installation, the DVR will power cycle on its own.



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Step 8.

Once the unit is up and operational, go back to "SYSTEM > System Info" to double check that the upgrade was applied. You should see the most up to date version number!

) 🕐 🔁 🔍 🕗 🍕	SYSTEM
System Info User Co	nfiguration HDD Default
Date/Time	09/28/2015 15:45:22
HD Resolution Language	1024x768
Remote ID Version	1 6.2.0.1.17
Video Signal	PAL
IP Address Mac Address	192.168.1.160 3C:04:BF:07:09:3B
Keyboard ID Keyboard	1 DWKB-100 Baudrate 9600
	Keypad Beep
	NTP Display Screen Saver
Default Help	Save Cancel

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Additional Notes

- The FTP method requires the DVR to have a stable network connection. If this method should fail for you, it is recommended to use the USB method instead.
- Firmware is constantly being worked on to ensure your DVR is in good shape. It is recommended to check at least once a month for new firmware.
- Your USB needs to be formatted in either "Fat" or "Fat32" to work.
- When you save the firmware to a thumb drive, **make sure it is in the root folder.** If the firmware is not in the root folder, the DVR will be unable to find the file.
- Do not remove the thumb drive until the unit reboots from the installation. Doing so too early can cause the firmware upgrade to fail.

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