



DIVAR UPGRADE INSTRUCTIONS TO VERSION 2.2x

This sheet describes the upgrade instructions for:

1. Divar Control Center to 2.20
2. Divar Firmware upgrade to 2.20
3. Divar Help Pages
4. Divar Web Pages
5. Divar Archive Player

1. Divar Control Center upgrade instructions

When updating the Divar Control Center software, please take the following steps:

- If a Control Center version is already installed, you have to remove it first (settings will be retained). To do this, go to **"Start - Settings - Control Panel"** and select **"Add/Remove programs"**.
- Select **"Divar X.xx PC software"** and press the **"Change/Remove"** button. The Control Center InstallShield Wizard will help you remove the Control Center.
- Choose the option **"Remove"** to remove all installed components and click **"Next"**.
- Click **"Yes"** to continue and **"Finish"** to finish the removal process.
- Insert the CD Rom with the Control Center 2.20 in the CD-drive. If installation does not start automatically, run **"setup.exe"** from the CD Rom.
- Follow the on-screen instructions for installation.
- You can verify the Control Center version number by logging in with the Control Center application, clicking on the Control Center icon in the top-left corner and opening the About box.

2. Divar firmware upgrade instructions

The firmware download file is suitable for **all** Divar models.

Warning: If you upgrade from Divar 1.xx to Divar 2.xx, the stored VIDEO WILL BE ERASED! Be sure to archive important pieces of video before upgrading. The settings will be retained.

When updating your Divar with new firmware, please take the following steps:

Via Windows "Divar Firmware Download" tool:

- **Use Control Center version 2.20 or higher to ensure that you have the latest "Divar Firmware Download" program**
- Connect the supplied RS232 cable between your PC or laptop and the Divar.
- **You will need to download 2 files** (the "LOADBOOT-2.20.S19" and DVR16E-2.20.S19 files). Make sure both files are located in the same directory on your PC.
- Go to **"Start - Programs - Bosch Divar"** and select **"Divar Firmware Download"**.
- Select the COM port you connected the RS232 cable to.
- Go to the directory where you have saved both download files. First select the "LOADBOOT-2.20.S19" file and select **"Open"**. The download will start automatically and it will indicate when downloading has finished. **Don't interrupt power during this upload, because you can NOT recover.**
- After downloading this first file, you have to **wait for at least 30 seconds** before downloading the "DVR16E-2.20.S19" firmware file by starting the "Divar Firmware Download" program again. Note: If the "LOADBOOT-2.20.S19" is forgotten, you have to download both files again.
- The Divar will automatically reboot itself after downloading the second file. However, before proceeding, **YOU NEED TO RECYCLE THE POWER** to give the unit a hard reset!!
- You can verify the version number by pressing ALT followed by LIVE (F1), when in live mode.

**Alternatively via MS-DOS:**

- You have to use the new DOS program “divarload.exe” (do not use the old “download.exe”)
- Connect the supplied RS232 cable between your PC or laptop and the Divar
- **You will need to download 2 files** (the “LOADBOOT-2.20.S19” and DVR16E-2.20.S19 files). Make sure both files are located in the same directory on your PC where also the program “divarload.exe” is located.
- Open a DOS prompt and go to the directory where the files are located.
- Type “divarload loadboot-2.20.s19 <COM>” and press ENTER, where <COM> is the number of the COM port you connected the RS232 cable to (usually “1”). For example: “divarload loadboot-2.20.s19 1”. When asked “Continue? <Y, [N]>” press “Y”.
Don't interrupt power during this upload, because you can NOT recover.
- When downloading has started, you'll see it progressing from “0% complete” to “100% complete”, “Download Complete.” and “Download successful.” This will only take approximately 1 minute. After downloading this first file, you have to **wait for at least 30 seconds** before downloading the “DVR16E-2.20.S19” firmware file. **DO NOT REMOVE POWER WHILE WAITING !**
- To download the second file: Type “divarload dvr16e-2.20.s19 <COM>” and press ENTER, where <COM> is the number of the COM port you connected the RS232 cable to (usually “1”). For example: “divarload dvr16e-xxxx.s19 1”. When asked “Continue? <Y, [N]>” press “Y”.
Note: If the LOADBOOT-2.20.S19 is forgotten, you have to download both files again.
- The Divar will automatically reboot itself after downloading the second file. However, before proceeding, **YOU NEED TO RECYCLE THE POWER** to give the unit a hard reset!!
- You can verify the version number by pressing ALT followed by LIVE (F1), when in live mode.

3. Divar help pages download instructions

Divar firmware 2.15 onwards includes 6 additional languages (DA, NO, SV, FI, HU and CS). All help pages are served from the internal Divar hard disk. If you upgrade your Divar to 2.15 or higher than you also have to upload the help pages. The help pages are stored in the file “HelpTextForDisk.txt”. Please take the following steps:

- Make a network connection between your PC or laptop and the Divar.
- Start up Internet Explorer.
- Type in the Divar IP address followed by “/helpload.html” (for e.g. “http://172.20.1.2/helpload.html”). This IP address is configured in the Divar's System Settings - Connectivity - Network Setup submenu
- In the “Enter Network Password” window you have to enter the Divar administrator username and password. These are configured in the Divar's System Settings - Connectivity - Network Access - Administrator submenu.
- Press “OK”.
- The “Divar Help Upload Page” will appear.
- Browse to the directory where you have saved the “HelpTextForDisk.txt” file. Select this file and select “**Send File**”. The download will start automatically and will take approximately 1 minute.
- Your Divar will now include all help pages in all languages.

4. Divar web pages download instructions

Divar firmware 2.10 onwards includes Web browser support. These web pages are served from the internal Divar hard disk. If you upgrade your Divar to 2.10 or higher than you also have to upload the web pages. The web pages are stored in the file “Divarwebset.dvr”. Please take the following steps:

- Make a network connection between your PC or laptop and the Divar.
- Start up Internet Explorer.
- Type in the Divar IP address followed by “/webload.html” (for e.g. “http://172.20.1.2/webload.html”). This IP address is configured in the Divar's System Settings - Connectivity - Network Setup submenu
- In the “Enter Network Password” window you have to enter the Divar administrator username and password. These are configured in the Divar's System Settings - Connectivity - Network Access - Administrator submenu.



- Press "OK".
- The "Divar Webset Upload Page" will appear.
- Browse to the directory where you have saved the "Divarwebset.dvr" file. Select this file and select "**Send File**". The download will start automatically and will take approximately 1 minute.
- Your Divar will now include Web browser support.

5. Divar Archive player download instructions

To load the latest version of the Archive Player software onto the Divar, please take the following steps:

- Verify that the writer has been detected in the Divar Disk Manager - Storage Setup submenu.
- Insert the Divar CD with the Archive Player (file "archplay.dfs" located in root of CD) into the DVD writer.
- Follow the instructions that appear on your monitor screen to copy the latest Archive Player on the Divar hard disk.