

Divar firmware version history

Version 2.36

When upgrading from a previous Divar 2.x version all video and settings will be retained. Please use the download tool “divarload.exe” or the “Divar Firmware Download” from the 2.34 PC package, supplied with the downloaded firmware.

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

This release includes the following bug fixes:

- An error with multiple protective clips generating a disk full error is resolved.

Bosch strongly recommends upgrading to the latest firmware to achieve the best possible functionality, compatibility and performance.

Version 2.35

This release includes the following bug fixes:

- After a power cycle of a Divar the ATM/POS connection is lost when no DHCP is used. This is corrected in this version.
- Playback speed slider has no effect in the Divar Web browser using Windows Vista. This has been corrected in a new Webset software version 1.13.

Version 2.34

This release includes the following improvement:

- The new Daylight saving rules for New Zealand are adapted in this release

Version 2.33

This release includes the following improvement:

- Support of External DVD writer (DVRXEDVD1) with new firmware TS0J.

Note:

Present External DVD writer (DVRXEDVD1) has firmware TS09 were it is not possible to use DVD media 16x or higher. Via the Bosch repair center it is possible to upgrade to TS0J to support also these DVD media. Divar firmware 2.33 or higher is required to work with the new TS0J version of the External DVD writer.

Version 2.32

This release includes the following new features:

- Support of the new Daylight Saving Time rules in North America. The applicable North America time zones are modified so that clock changes on the second Sunday in March and the first Sunday in November.
- New menu option “Display bad video” is added in this release. Default this option is set to NO. If set to YES, Videoloss will work identically to how it operates in 2.31 with the following exception:

- For live video: Bad video will not create a video loss. Video loss will only occur if the hardware detects no video for a period of between 20 and 30 seconds.
- For record video: The Divar will attempt to record all video unless video loss is detected with the exception if the software detects no Vsync signal it will force the image to black.

A “Bad video Camera x” event will be stored in the history of the Divar

- For the Divar version with two times a 500GD hard disk (Divar 1TB) we implemented a sequential startup of the internal disks. These to prevent a too high spin up current if both drives are start up simultaneously. Therefore the power-up time for this 1TB Divar will be approximately 15 seconds longer.
- New help page file is created to implement help text for new “Display bad video” menu item. The new help pages are stored in the file “HelpTextForDisk.txt” (version 4.00). This file must be used with the Divar 2.32 firmware.
- New web page file is created to support IE7. The new web pages are stored in the file “Divarwebset.dvr” (version 1.12). This file must be stored in the Divar to support IE7.

Version 2.31

This release includes the following improvements:

- If a video clip is selected for archiving and all clips will no longer fit on the CD/DVD a popup screen will inform the user that not all selected clips will fit on the used CD/DVD. If archiving is started and the CD/DVD is full the user will be informed that partial archive is done. An empty CD/DVD must be placed and archiving should be continued until the user will receive the message that archiving is done.
- Some help pages are improved. New help text file has version number 3.02.
- Relay activity will be logged.

This release includes the following bug fix:

- In conditions with bad video sometimes recording stops (with only motion recording) or video will not be displayed after video signal is returned. This is corrected in this new firmware release.

Version 2.30

This release includes the features for a new Divar product family called the **Divar Easy**:

- The 2.30 firmware in one version for the Divar, Divar Bilinx and the Divar Easy models. Depending of the hardware model the correct firmware will be loaded in the Divar. For the Divar and the Divar Easy other help pages will be shown. However there is one help page file for all Divar models (version 3.01).

Version 2.20

This release includes the following new features:

- Archiving a selection of cameras
For local archiving on the Divar it is now possible to select only single or selectable cameras to be archived.
- Automatically deletion of records
A feature is added to delete automatically all protected and unprotected records after a number of defined days. With the Video-delete Mode you select if all recorded video or only the unprotected video automatically will be deleted after a certain period. The Video-delete Period value shows how long recorded video is retained before it is automatically deleted. The Video-delete Period can be selected between 1 up to 99 days or “NONE”. Selecting “NONE” means that this feature is disabled. This feature does not “retain” the video, if the disk is small it could be that the video is overwritten earlier than the selected Video-delete Period.

- Follows alarm/trigger input for recording
In this release you can select the recording duration also to "Follows" to cause continuous recording as long as an input is active.

This release also includes numerous of small improvements like, Help text update, improved for local archiving, improvement of triggering a dome preposition when using input trigger, manual update to 2.20.

Version 2.18

This release includes an improvement for local archiving with the DVD writer on the Divar:

- Sometimes a closing error was generated especially by archiving large files (e.g. 2 GByte) on the internal ND-6500A DVD writer. This has been corrected in version 2.18.

Version 2.17

This release includes the following bug fix:

- In some undefined conditions it is possible that relay 1 is switching without any reason. This new firmware will prevent this.

Version 2.16

This release includes the following new features:

- Support of Western Digital 7200 rpm hard disk drives besides the Maxtor 5400 rpm hard disk drives.
- Add record throttling to handle long HDD delays.

Version 2.15

This release includes the following new features:

- Six additional languages
The Divar, the PC software (Control Center, Configuration Tool, Archive Player) and the webserver pages now support the following additional languages: Danish, Swedish, Norwegian, Finnish, Czech and Hungarian.
- Bilinx camera input alarms
Divar Bilinx models now support handling of the alarm inputs from Bilinx enabled cameras. (Support is limited to the first input on the input alarm connector of a Bilinx enabled Dinion or AutoDome)
- Network time synchronization
It is now possible to synchronize a Divar with a NTP time server. All Divar models now support both the time synchronization via the ICMP (RFC792) and from version 2.15 onwards also the SNTP time synchronization protocols.
- Improved disk error handling
A new disk error handling algorithm has been added, improving overall hard disk drive reliability and lifespan.

This release also includes numerous small bug fixes.

Version 2.14

This version was never released.

Version 2.13

This release includes the following bug fix:

- Correct “Motion trigger” to start recording on the programmed IPS range when motion is detected.

Version 2.12

This release includes the following bug fix:

- If you update a Divar E or F model (non Bilinx models) to the firmware 2.11 and you power on the unit than a connected keyboard didn’t work anymore (the keyboard will start working after you disconnect and connect it again). This is corrected in firmware 2.12.

Version 2.11

This release includes the following new features:

- Using Internet Explorer, access the Divar to view live action or playback archived events
- Auto-protect video when an input alarm is triggered
- Support for Bosch G-series control panels
- Assign names to input alarms
- Change camera pre-position on a profile change
- Configure the bandwidth limit throttle to values between 0 and 1 Mbps

This release also includes some bug fixes resulting in:

- Correct DST time change behavior in a multiple-Divar setup
- Improved local archiving behavior

Version 2.10

This version was never released.

Version 2.03

This release includes some bug fixes related to ATM/POS.

Version 2.02

This release includes the following enhancements:

- General performance improvement
- Some additional ATM/POS display settings were added

This release includes the following bug fixes:

- Several ATM/POS issues were resolved

- Improved playback behaviour during stepping
- DVD+R's can be finalised correctly
- Local archiving of large clips has been improved

Version 2.01

This release was used for the Divar with internal DVD writer only and included support for the internal DVD writer.

Version 2.00

Warning: If you upgrade from Divar 1.x to Divar 2.0x, the stored VIDEO WILL BE ERASED! Be sure to archive important pieces of video before upgrading! The settings will be retained.

If you are upgrading your Divar from firmware version 1.x to 2.0x, the following new features will become available with this release:

- Daylight savings time support
 - Auto-detect Divars for login on a local area network with the Control Center 2.0 PC software
 - Login to multiple Divars at a time with the Control Center 2.0 PC software
- To enable the following new features that are also present in version 2.00, a Divar 1.x software upgrade license is required:
- Smart motion search to search for motion in a user-defined area in recorded video
 - Support for local archiving without the need for a PC (optional external DVD writer required)
 - Search on ATM/POS data (optional ATM/POS license and ATM/POS bridge required)

Version 1.20

This release includes the following new feature:

- ADIM support

This release includes the following enhancement:

- Improved built-in service logging and system diagnostics for repair center usage

This release includes the following bug fixes:

- Recording more pre-event images than during normal and event recording, could result in system instability
- Improved disk handling: Self-reallocation of the storage medium could result in a drive being failed inadvertently

Version 1.12

This release includes a bug fix for:

- User Interface issue where a user could set the event (motion and input alarm) recording rates to an illogical number of images per second (below 1 IPS)

Version 1.11

This release includes the following enhancement:

- Configurable network port for video streaming

This release also includes the following bug fixes:

- Heavy keyboard usage might cause the Divar keyboard port to lock up
- Risk of data loss, on a DVAD storage array, after power failure eliminated

Version 1.10

This release includes the following new features:

- Remote configuration tool support; to allow for remote administration of the Divar
- Multiple disk array support; to allow for multiple disk arrays (DVAS or DVAD) to support long term storage
- Multi-user license (optional); to allow for multiple remote user access to a Divar at the same time

This release also includes the following enhancements:

- Enhanced handling of day/night cameras that switch off color burst
- Increased sample frequency for motion detection
- Enhanced disk status overview
- Improved network transmission speed

Version 1.03

This release includes the following enhancements:

- Enhanced Quick Install allowing motion recording and network setup
- Automatic activation of the Quick Install upon initial system power up
- Time synchronization between multiple Divars
- Increased sensitivity for motion detection
- Auto IP address assignment
- Record rate selection for 0 IPS, allowing event recording only
- Enhanced video quality of images with Constant Bit Rate for controlled file size
- Enhanced text color and background options

This release also includes some bug fixes resulting in:

- Improved system power up behavior
- Enhanced hard drive detection
- Enhanced video clip protection

Version 1.01

Initial version.