

From
Product
Management

Our Reference
02050701

Eindhoven
02.05.2007

DVR4C Firmware history

1.6.12 – May 2007

- Fix for an incompatibility issue with 'old' hardware revisions of DVR4C (serial code below EX10) causing problems with multi channel audio recording. This problem is only present in versions 1.6.2 to 1.6.8).
- A small modification was done to fix a stability issue which occurs only in very specific secured network configurations, in combination with specific hard drives in the DVR.

Customers are advised to upgrade their DVR4C to this latest version.

1.6.8 – February 2007 (US region only)

Due to a change in the Daylight Savings Time scheme in the US, a small update has been made in the firmware. With firmware version 1.6.8 the DST scheme will automatically be updated, and the time will be adjusted when the new DST period is active. Customers are advised to upgrade their DVR4C with the latest firmware (v1.6.8 or above) and use the latest remote software version (v1.0.0.5 or above) on their PC.

1.6.2 – December 2006

A minor firmware update was done due to a hardware revision. Firmware version 1.6.2 compatible with all hardware versions of DVR4C.

1.6.0 – May 2006

PLEASE NOTE THAT FIRMWARE VERSION 1.6.0 AND BELOW SHOULD NOT BE USED ON ANY DVR4C WITH SERIAL NUMBER EX100000000000 AND HIGHER.

Improvements

1. Copy menu – The begin time and end time can now be selected in hours, minutes and seconds. (In previous versions it was only hours and minutes). + General improvements on USB copy function
2. Search menu – The maximum amount of search results is 100. When more results match the selected time period/filter a message “List full, please shorten time period” will appear, so that the user knows that not all results are displayed.
3. Time synchronization – When the “synchronize” button is pressed than a message will appear stating whether the time has been updated successfully or not. + General improvements on time synchronization function.
4. Bandwidth limiter – The bandwidth limiter has three new values, 0.1Mbps, 0.2Mbps and 0.5Mbps.

From
Product
Management

Our Reference
02050701

Eindhoven
02.05.2007

5. DHCP behaviour – Mechanism improved to dynamically update the IP address.
6. Motion detection – Motion detection on NTSC improved

Known limitations

The following known issues are present in all the DVR4C models with firmware version 1.6.10 (or below).

1. Audio synchronization – Audio recording is synchronized to the video recording, but because the two signals are handled as two separate streams there can be an offset between the audio signal and the video signal. This offset is noticeable when doing local and remote playback and when doing playback of an archived dv4 or avi file.
2. Email on event functions only via LAN/DSL, not via PSTN – The email on event function (System settings >Connectivity >>Email setup) only functions via the network port. Email on event via PSTN is not supported.
3. Offset in event list and time stamp when clock is manually changed – When user changes the time settings he is advised to format the hard disk, to prevent mismatch in timestamp (stamped in video content) and the event times (not stamped in video). When the clock is advanced by 3 hours and the hard disk is not formatted, than all of the event times of previously recorded images will shift. This shift is displayed during video playback indicating both the time and the offset (indicated by the clock icon).

1.4.0 – September 2005

Improvements

A small modification was done to fix DHCP incompatibility with certain routers (problem discovered on Linksys routers)

1.2.2 – September 2005

Improvements

Improvement was made to fix incompatibility with certain USB memory sticks. A list of recommended USB memory sticks is published on the Bosch website.

1.0.0– May 2005

From
Product
Management

Our Reference
02050701

Eindhoven
02.05.2007

This is the first released firmware version