

Product	Document type	Release #	SAP/Doc number	Release date
DVR 400 Series	Release notes	V1.3.0		23.06.2010

Video Recorder 400 Series new firmware versions

1 DVR 400 Series firmware version 1.3.0 (date 2010-05-31)

This release includes the following improvements:

1. Fixed missing stop command in Dome control via RS232 using front panel buttons or IR Remote Controller.
2. In this release the IR Remote Controller can have ID range 1 to 9 to control up to nine different DVR's with one remote control.

2 DVR 400 Series firmware version 1.2.0 (date: 2010-04-29)

This release includes the following bug fixes:

1. Continual restart of the unit:
After a power cycle, the Hard Disk Drive in the unit must be recovered. This could take some time, depending on the number of recording blocks. A lot of small recording blocks will be created especially in applications where the recording settings for the four channels are set to Normal-Event-Normal-Event recording and the events will be triggered very often. After the recorded video has been overwritten many times and the unit is power cycled, the HDD recovery time could exceed the watch dog time of 1 minute. This results in the unit continuously restarting. If this is happening then the unit must be sent in for repair. This can be prevented by upgrading the unit beforehand to firmware version 1.2 or higher where this issue is solved.
Therefore, we strongly recommend upgrading all units from v1.1.0 to v1.2.0 or higher.
2. Option to enable NTP via the configuration screen on the web pages.
3. The setting of network "Bandwidth limit" being limited to 100, 10, 5, 2, 1 Mbps, and 512 Kbps.
4. Playback of 4 channels (quad mode) on the web pages is improved.

3 Update procedure

To update the DVR 400 Series to the latest firmware, please refer to the Video recorder 400 Series Operation Manual, chapter 6.6.5 or follow instructions below:

1. Put firmware v1.3.0 via a PC on the root of a USB memory stick (file name: 400series.bin [date 2010-05-31])
2. Insert the USB stick into the front USB connector of the DVR
3. Log on as "ADMINISTRATOR" in the local unit
4. Select **Menu** and go to the "System > Configuration" screen
5. Select **Update firmware** to upgrade the DVR software. In this case, the current DVR settings and video will not be deleted or replaced during the update process.

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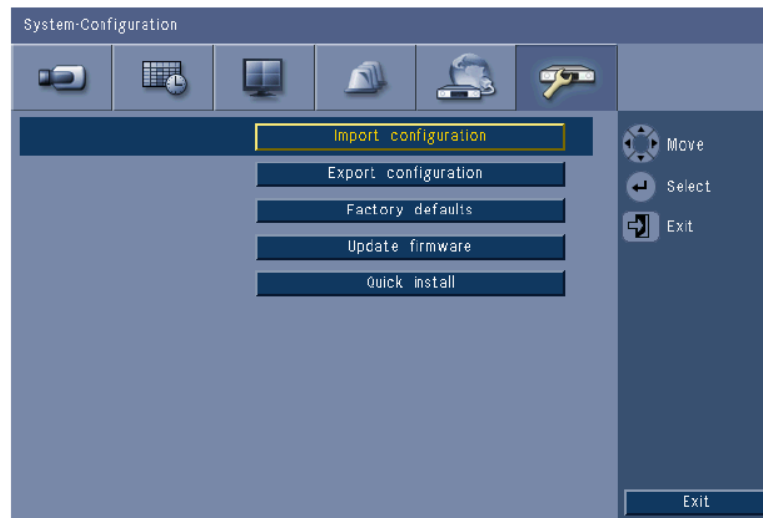


Figure: Update firmware menu

6. Select **OK** to begin the update process or click **Cancel** to stop and exit. After the update process is completed you have to press **OK** so that the system will automatically restart.

4 DVR 400 Series firmware version history

4.1 Version 1.1.0

File name: 400series.bin (2010-01-14)

Initial firmware version