

Upgrading the DVR System Firmware

16CH EH Nano/Nano⁺ series
EH6000H series
EXR6004 Mini
EH1116H-4+

Quick Guide



The following sections are described how to upgrade the firmware of DVR system. The steps of upgrading firmware are same for the DVR models that list below:

EH1116H-4 Nano	EH1116H-4 Nano ⁺
EH6108H ⁺	EH6216H ⁺
EH1116H-4+	EXR6004 Mini

We use EH1116H-4 Nano DVR as an example in following.



Please make sure your DVR model before upgrading DVR firmware. Wrong DVR model's firmware may cause the DVR system break down.

1. Contacts your sales dealer to get the newest firmware.
2. Un-zip the firmware zip file and user gets 5 individual files. Copy those 5 files to root directory of USB pen drive.
3. Then, plug the USB pen drive that has firmware files to DVR unit. Each DVR model has dedicated USB port for firmware upgrading, please refer the below table list to plug the USB pen drive to DVR's USB port.

DVR Model	USB port position
EH1116H-4 Nano	Front panel, the left one (mouse icon) 
EH1116H-4 Nano ⁺	Front panel, the left one (mouse icon) 
EH6108H ⁺	Front panel, the right one 
EH6216H ⁺	Front panel, the right one 
EXR6004 Mini	Rear panel, USB port that next to VGA port 
EH1116H-4+	Front panel, the right one 

4. After plug the USB pen drive to the DVR, please restart the DVR. The upgrading process doesn't have any display on screen. User can hear beep sound to recognize the upgrading process status.
5. After restarted, a beep sound is heard and HDD indicator is flashing. Then, DVR system is starting to upgrade.
6. When user hear 3 beep sound and HDD indicator is light up, please un-plug the power cord and USB pen drive from DVR.
7. Next, plug in the power cord and start up the DVR system.

8. After start up DVR system, user can go to **System setting** UI to check the version of firmware to make sure the upgrading procedure is successful.

System Setting

Storage Path

Disk Name	Free Space	Capacity	Status
SATA-1:ST3250312CS	221.9 GB	228.3 GB	Normal

☐ Delete recorded data after: 7 Days
☒ Delete event and alarm log after: 30 Days
☒ Overwrite Enable

System Language

Language: English

Video Standard

☒ NTSC ☐ PAL

Configuration

Spot Monitor

☒ Autoscan ☒ All

☒ 1	☒ 2	☒ 3	☒ 4	☒ 5	☒ 6	☒ 7	☒ 8
☒ 9	☒ 10	☒ 11	☒ 12	☒ 13	☒ 14	☒ 15	☒ 16

Note: Spot Monitors support analog channels only

Miscellaneous

Playback Mode: Instant Playback

☐ Playback with key frame only in 4-split screen

☒ Enable Intelligent Streaming of IP Camera

Date Format: mm/dd/yyyy

AutoScan Period: 3 Sec.

☐ Activate CPU meter after system boot up

IP Camera Resolution Mode

☐ Fixed Mode (4 CH @ 1.3 MP H.264)
☒ Flexible Mode (Total 8 MP to allocate)

Login

☐ Auto Login after system boot up
☒ Auto Record after system boot up
☒ Auto start Network after system boot up

Default User: admin

Date and Time Setting

System Date and Time: 02/19/2012 06:49:59
☐ Daylight Saving Time

Firmware

Product Version: H9.02 24.00.05b
IPCam Module: 5.1.1.14