

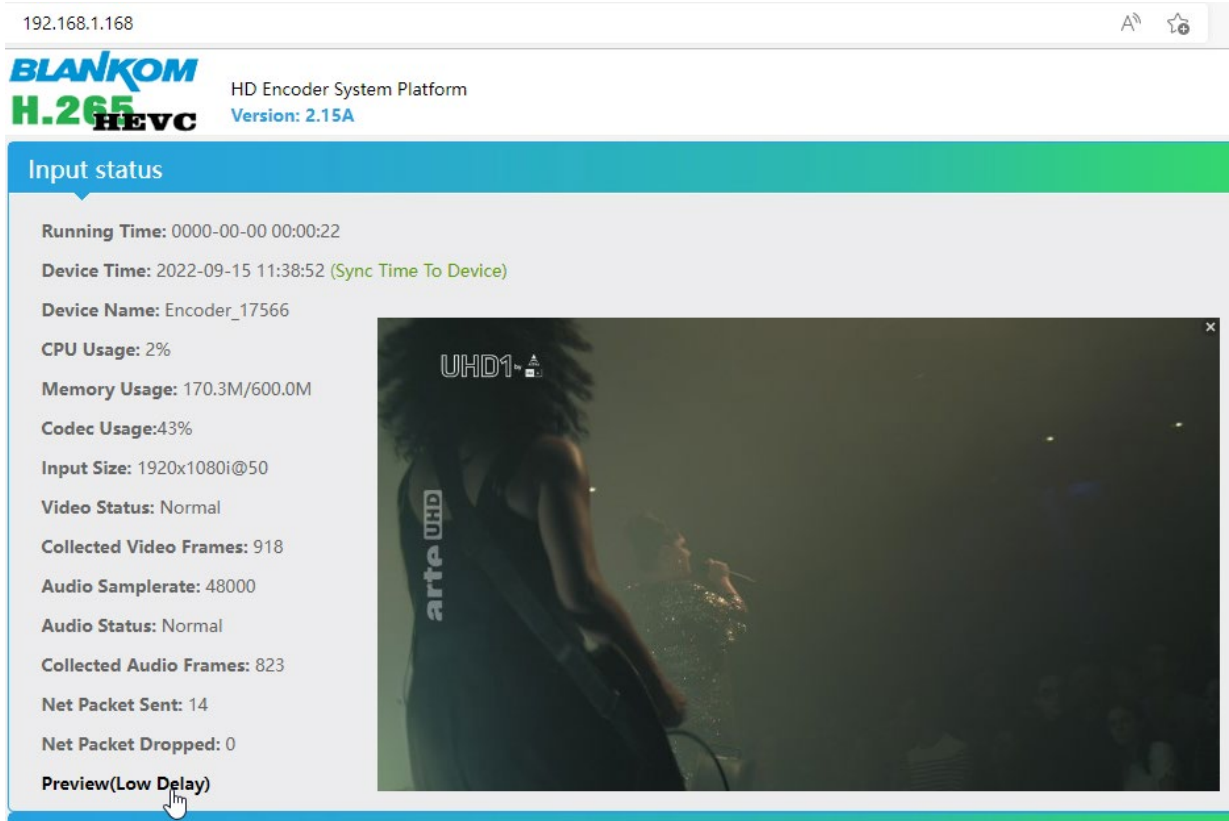
## How to enable Recording of HDMI/SDI/VGA-265 Encoder-Streamer:

First of all, you have to check your current Firmware – Version: The new Graphical User Interface (GUI) has been designed in multi-language support, Responsive and with many more Tipp's within.

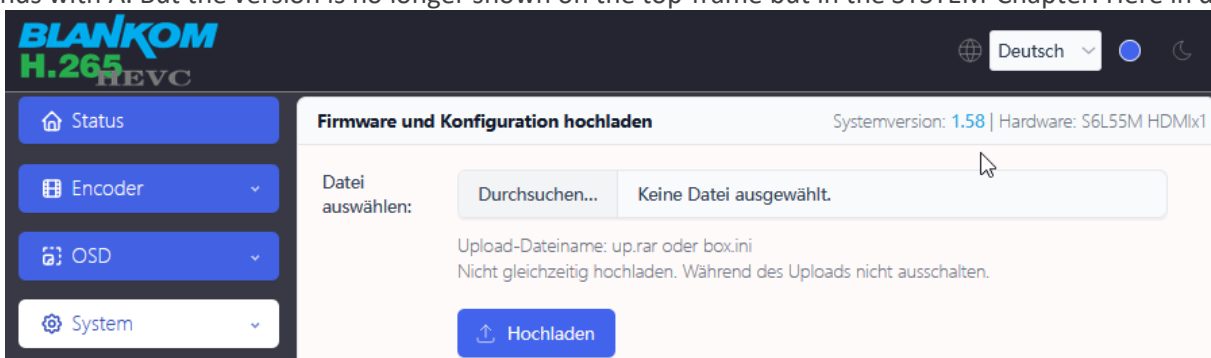
Currently we have 2 HW-Versions deployed: Ambarella (A) and Hisilicon based (W)

It must have an 'A' at the end like: 1.57A or the old GUI starting with a '2' and ends with an A:

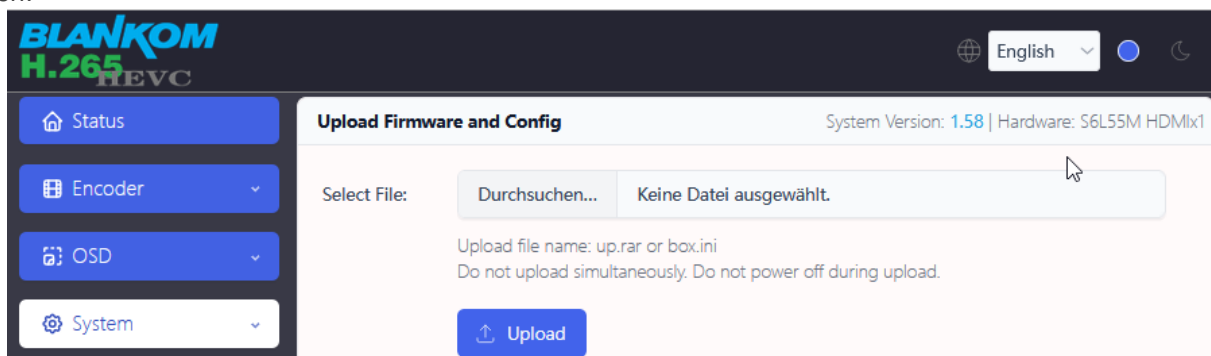
Both have the Ambarella SoC as the CPU/Encoder Platform chip and after upgrading it will change to 1.xyA.



This old FW-Version did not support NFS or SAMBA recording. But we now released the final version as starting with 1 and ends with A. But the version is no longer shown on the top-frame but in the SYSTEM-Chapter: Here in deutsch



In English:



The language settings are now international:

**BLANKOM H.265 HEVC**

Deutsch

English  
简体中文  
繁體中文  
Deutsch  
Español  
Français  
Italiano  
日本語  
한국어  
Português  
Русский  
Türkçe

**Gerätstatus**

Laufzeit: 0000-00-00 00:01:45  
Gerätezeit: 2026-03-24 09:00:46 (Zeit mit Gerät synchronisieren)  
CPU-Auslastung: 10%  
Speicherauslastung: 220.8M/512.0M  
Kodierungsressourcennutzung: 86%  
Eingangsvideo: 1920x1080i@0  
Eingangsvideostatus: Keine Daten  
Erfasste Videobilder: 0  
Audio-Abtastrate Eingang: 48.0kHz  
Eingangsaudiostatus: Keine Daten  
Erfasste Audiobilder: 6537  
Gesendete Pakete: 24 (Netzwerktest & Systemprotokoll)  
Verworfen Pakete: 0  
Video-Vorschau (geringe Latenz)

**Aufnahmestatus**

Aufnahmetyp: Deaktiviert

Please excuse eventually some mis-translated parts 😊

The 2.xyW-Version with Hisilicon SoC supports the same features...

Anyway, to enable the recording:

- First you need an input signal and a basic configured encoding parameter set.
- Then you need to chose whether to enable access to either a SAMBA (minV3) or my favourite - because it's almost easier than a windows SMB configuration on a Linux or Microsoft server system: NFS
- So, you need to take care about the NFS-Support of the server you are using (e.g., a RaspberryPi4/5 with a proper SSD capacity or external eSATA or USB-Volume)
- The devices need to 'see' each other Encoder and recorder IP's should be in the same network or you need to install proper routes between them.

We assume, that your IT/Network knowledge should be professional or you need to consult your IT techies.

To install an NFS-mountable Volume in a Linux-system we describe it for the actual RasbianOS (Debian-Trixie):

Open a terminal/console and enter:

```
sudo apt-get update
sudo apt-get install nfs-kernel-server
sudo mkdir /home/public
sudo chmod ugo+rwx /home/public  makes it open for everyone
sudo nano /etc/exports
add this line:
/home/public *(rw, sync, no_subtree_check, all_squash)
Save it and reload:
sudo exportfs -ra
restart the server:
sudo service nfs-kernel-server restart
check the services running:
```

```
sudo rpcinfo -p
```

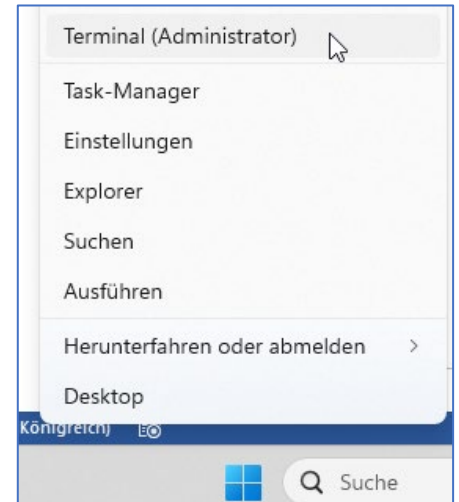
*should show many times:* portmapper, status, nfs, nlockmgr und mountd,

Add the IP and mounting folder and 'mount' it.

Then you see the following if the mounting was successful. If not ... search for the problem.

So, we need to enter into the Recording Settings: <IP-Address of NFS-server>:/home/public/

And mount it. If the mounting fails, you'll get a message.



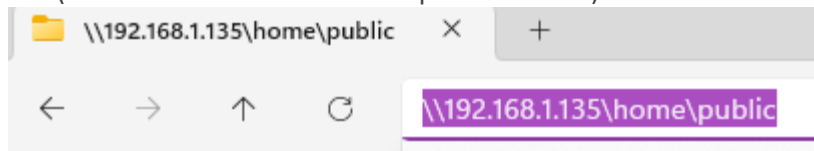
Remark: Mounting an NFS from a Windows11 PC has a different format by opening a CMD/PS as admin of course:

```
PS C:\Users\Blank> New-PSDrive -Name K -PSProvider FileSystem -Root "\\192.168.1.135\home\public" -Persist
```

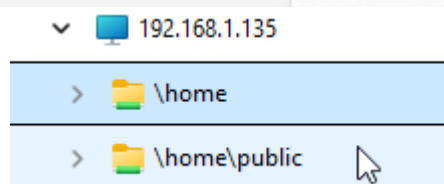
Name	Used (GB)	Free (GB)	Provider	Root	CurrentLocation
K	17,39	216,77	FileSystem	\\192.168.1.135\home\public	

```
PS C:\Users\Blank> |
```

Here as Virtual HD named K (should be a free and not occupied character):



-> Network:

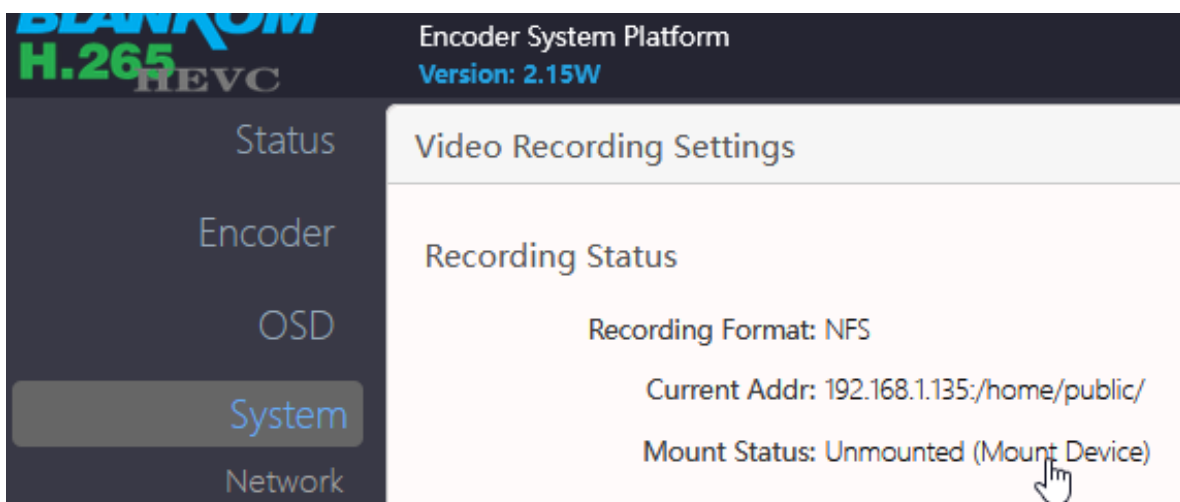


You must enter the address/path once -> than it pops up

**Unmounting** from Windows11: please enter into ADMIN-Powershell or CMD-Shell:

```
PS C:\Users\Blank> Remove-PSDrive -Name K
```

Back to the Encoder:



BLANKOM H.265 HEVC Encoder System Platform Version: 2.15W

**Video Recording Settings**

**Recording Status**

- Recording Format: NFS
- Current Addr: 192.168.1.135:/home/public/
- Mount Status: Mounted ([Unmount Device](#))
- Total Disk Space: 239786 MByte
- Free Disk Space: 218957 MByte
- Recording Status: Not Recording ([Start Recording](#)) ([Delete All Video Files](#))
- Recording Files: [Files List](#)

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**Recording Settings**

- Storage Type:
- Example Address: 192.168.1.100:/nfsroot/
- Storage Address:

[Apply](#)

After recording something... Remark: **Of course, it needs an input signal...!!!** Otherwise recording will not start. You'll see the files you have done and can be accessed by your Windows-PC or directly in the Linux-Server or play it from Browser (downloading takes some time) ... So, you do not need an expensive NVR anymore.

BLANKOM H.265 HEVC Encoder System Platform Version: 2.15W

**File list**

File name	Time	File size	Action
<a href="#">20260214_171105_0.mp4</a>	2026-02-14 17:11:49	39.97M	<a href="#">Delete</a>
<a href="#">20260214_171324_0.ts</a>	2026-02-14 17:14:02	26.71M	<a href="#">Delete</a>

You can download and play it directly by e.g. Potplayer or VLC. The recording format can be chosen either as TS or MP4. Recommendation: use h.264 encoding for the mp4 file.

Example with 1.58A HDMI encoder:

- Status
- Encoder
- OSD
- System
- Network
- Advanced Settings
- Record
- Password
- Serial Transport

### Recording Status

Record Type: Disabled

### Recording Settings

Storage Type: NFS

Example Address: 192.168.1.100:/nfsroot/

Storage Address: 192.168.1.21:/home/public/

Save

- Status
- Encoder
- OSD
- System
- Network
- Advanced Settings
- Record
- Password

### Recording Status

Record Type: NFS

Current Address: 192.168.1.21:/home/public/

Mount Status: Unmounted [\(Mount Disk\)](#)

### Recording Settings

Storage Type: NFS

Example Address: 192.168.1.100:/nfsroot/

Storage Address: 192.168.1.21:/home/public/

192.168.1.168

Settings saved!

OK

### Recording Status

Record Type: NFS

Current Address: 192.168.1.21:/home/public/

Mount Status: Mounted [\(Unmount Disk\)](#)

Total Space: 239786 MByte

Free Space: 210528 MByte

Record Status: Not Recording [\(Start Recording\)](#) [\(Delete All Recordings\)](#)

Record Files: [File List](#)

Free Space: 210528 MByte  
Record Status: Not Recording ([Start Recording](#)) ([Delete All Recordings](#))  
Record Files: [File List](#)

## File List

FILE NAME	TIME	FILE SIZE	ACTION
1.mp4	2026-02-14 17:11:49	39.97 MB	<a href="#">Delete</a>
20260214_171324_0.ts	2026-02-14 17:14:02	26.71 MB	<a href="#">Delete</a>
20260318_131637_0.ts	2026-03-18 13:17:34	39.29 MB	<a href="#">Delete</a>

Back to the STATUS Window:

## Recording Status

Recording Type: NFS  
Mount Status: Mounted  
Total Space: 239786 MByte  
Free Space: 210528 MByte  
Recording Status: Not Recording ([Start Recording](#))  
[Recording File List](#)

you can directly use it to start

recording

And stop it:

## Recording Status

Recording Type: NFS  
Mount Status: Mounted  
Total Space: 239786 MByte  
Free Space: 210527 MByte  
Recording Status: Recording ([Stop Recording](#))  
[Recording File List](#)

The time periods of automatic cycles to be recorded as maximum file-sizes (in seconds) and re-enabling the next part of the recording (imagine the 4GB limit for FAT32 formatted HDD/SDD's) can be pre-configured here:

## Recording Settings

Record Type:   
Cycle Recording:   
Record Split Time (sec):  [60-7200]

The screenshot shows the 'Recording Settings' panel in the BLANKOM web interface. On the left, a sidebar contains menu items: 'System' (selected), 'Network', 'Advanced Settings', 'Record', 'Password', and 'Serial Transport'. The main panel displays the following settings:

- Record Type: MPEG TS
- Cycle Recording: Disable
- Record Split Time (sec): 1800 [60-7200]

Your records will get automatic the time-and date format:

The screenshot shows a file manager interface with a 'File List' table. A tooltip for the selected file '20260324\_095002.ts' is visible, showing it is 'Fertig' (finished) and 24.2 MB in size. The table lists the following files:

FILE NAME	TIME	FILE SIZE
1.mp4	2026-02-14 17:11:49	39.97 MB
20260214_171324_0.ts	2026-02-14 17:14:02	26.71 MB
20260318_131637_0.ts	2026-03-18 13:17:34	39.29 MB
20260324_095002.ts	2026-03-24 09:50:33	24.16 MB

The screenshot shows a VLC media player window titled '20260324\_095002.ts - VLC media player'. The video content is a news report with the following details:

- Time: 09:50
- Channel: tagesschau24-Update
- Headline: **Gestrandeter Wal in der Ostsee: Rettung bislang gescheitert**
- Thumbnail: A man in a suit speaking in a news studio.
- Progress: 00:07 / 00:30
- Volume: 47%
- Speed: 1.00x

Deleting files through the web-interface of the encoders does not need to be explained...?

We skip here the explanations to a SMB network-folder because the security mechanism of those SAMBA settings are almost complicated and should be done by an IT expert in your company/team.