

BLANKOM SDE-265

For Dartfish 2024,2022 and Dartfish 10 only. Not supported in Dartfish 10 Classic

DESCRIPTION

The Blankom SDE-265 is a professional quality video conversion hardware which takes the SDI output from an HD or SD video source, encodes the video and passes it to a computer via an Ethernet cable.



PROS

- 👉 Video quality (support FullHD @ 60 fps)
- 👉 Video encoded by device
- 👉 SD / HD-SDI Input for TV-Signal
- 👉 Reliability

CONS

- 👉 Needs power supply
- 👉 The device needs to be configured the first time it is used
- 👉 **Ethernet cable and Ethernet port on the computer required**
- 👉 Cost

PRICE – WHERE TO ORDER?

Around 500 EUR. Send an email to dartfish-reseller@blankom.de to order the device from the manufacturer.

EXAMPLE OF USE CASES

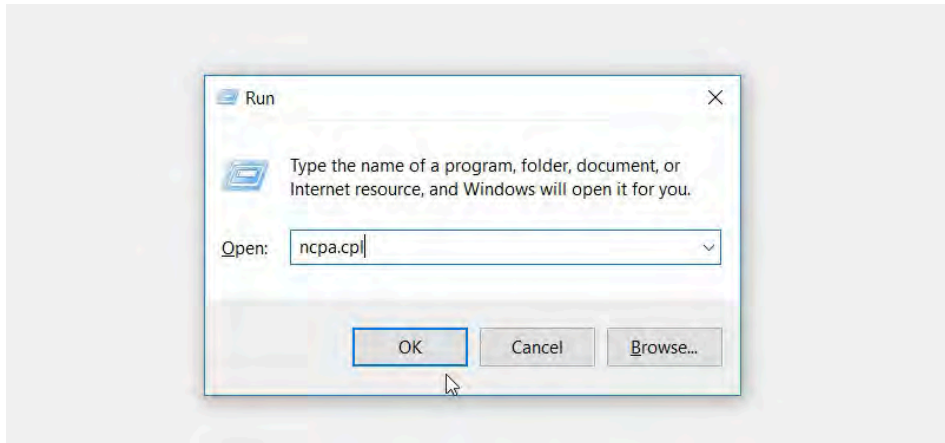
This device is used in any situation where you want to use a tapeless camcorder to provide a live video stream to Dartfish. It is additionally used in capture of broadcasted events.

SDE-265 SETUP

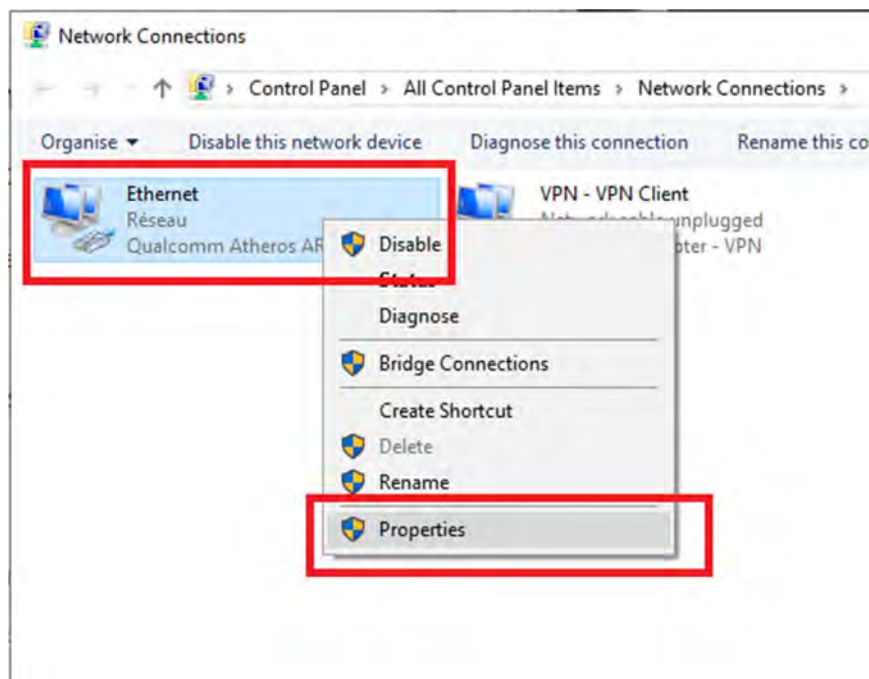
- 01 Connect the SDE-265 to a power source
- 02 Connect the device to your network switch with an Ethernet cable
- 03 Connect your PC to your network switch with an Ethernet cable
- 04 Find the IP address of the device, on the back of the box (**default IP address: 192.168.1.168**)

05 Change the IP address of your computer Ethernet port so that it starts with the same first three numbers (e.g: 192.168.1.XXX)

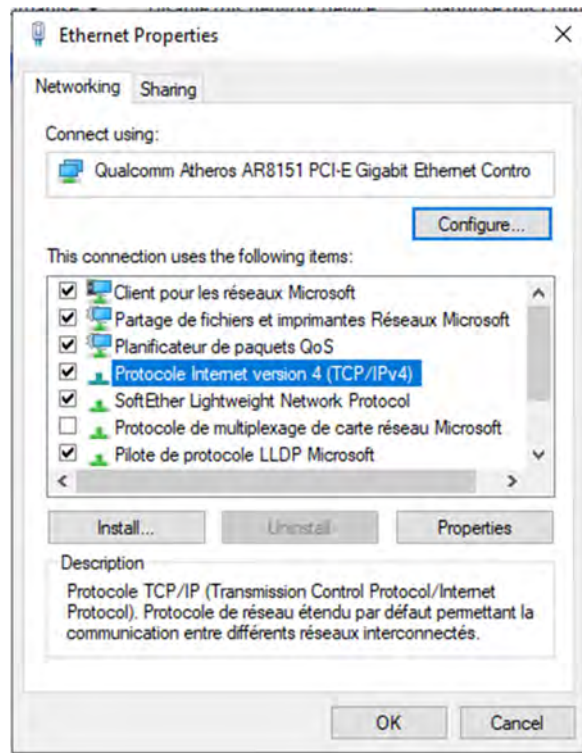
- a. Open **Run** (Win + R) / Write the program "**ncpa.cpl**"



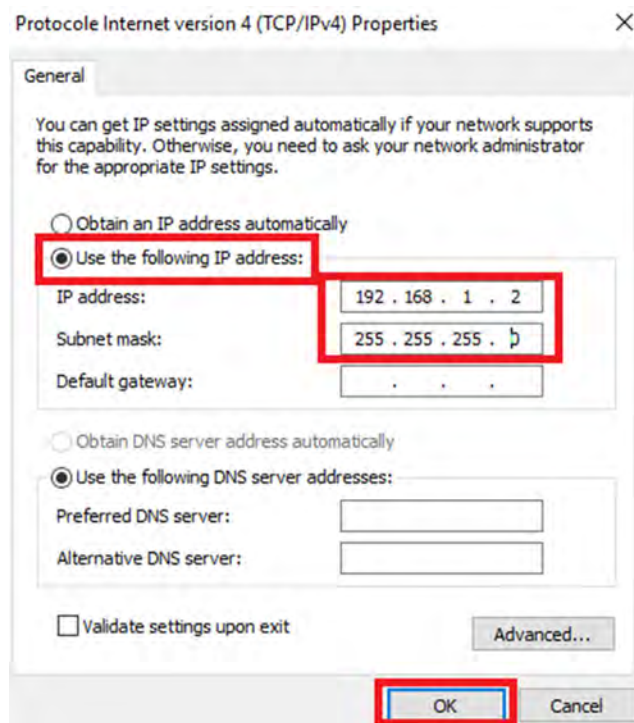
- b. Right-click on Ethernet and click on **Properties**



c. Double-click on Protocol Internet version 4 (TCP/IPv4)



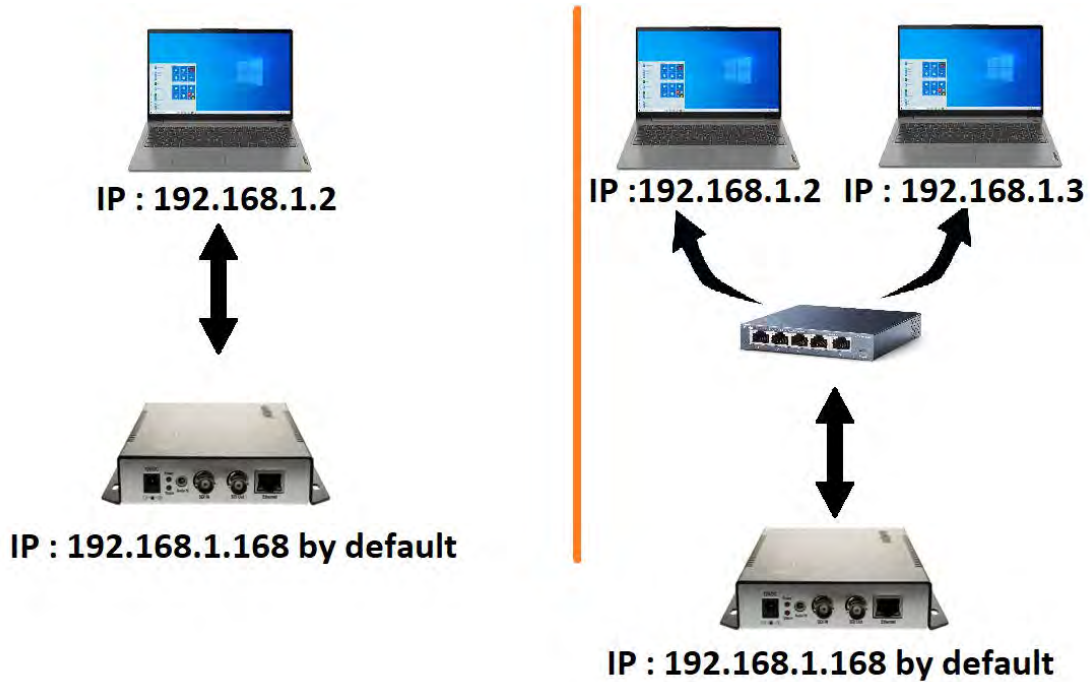
d. Tick the box Use the following IP address and enter an IP address that starts with the same three numbers that the SDE-265's IP address (in this example: 192.168.1.X). Enter the default Subnet mask



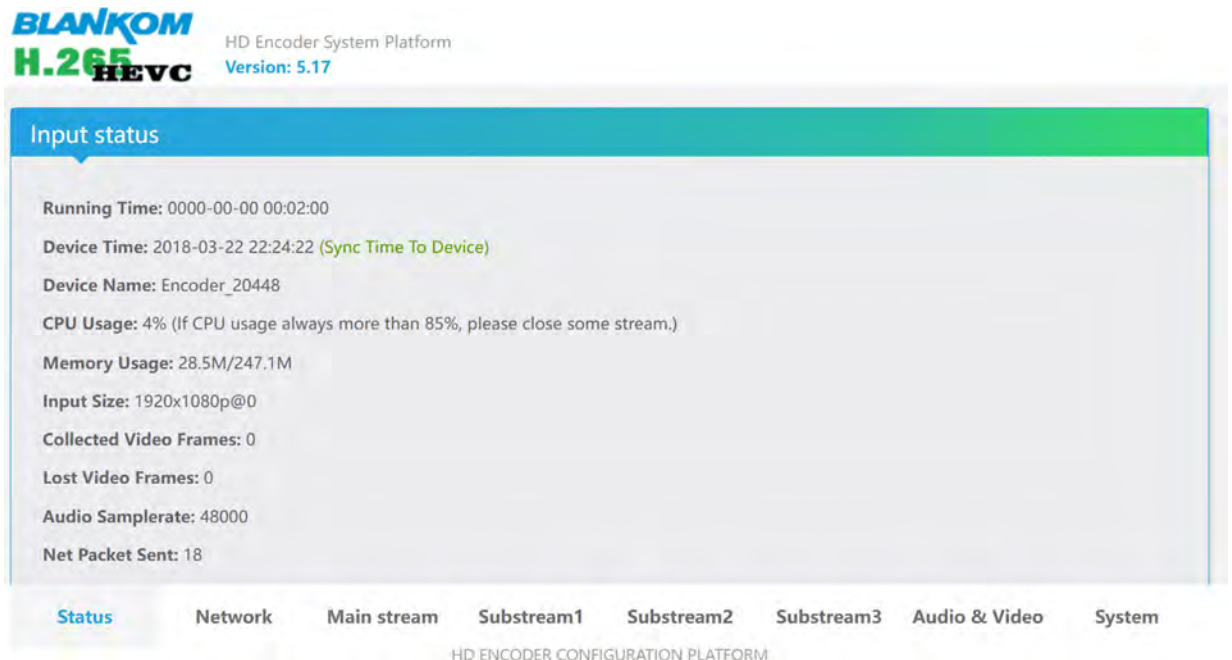
Never use the ip 192.168.1.168, which is already in use by Blankom.

255.255.255.0. Do not change any other setting and click on **OK**

e. Caution when using the blankom box with several computers

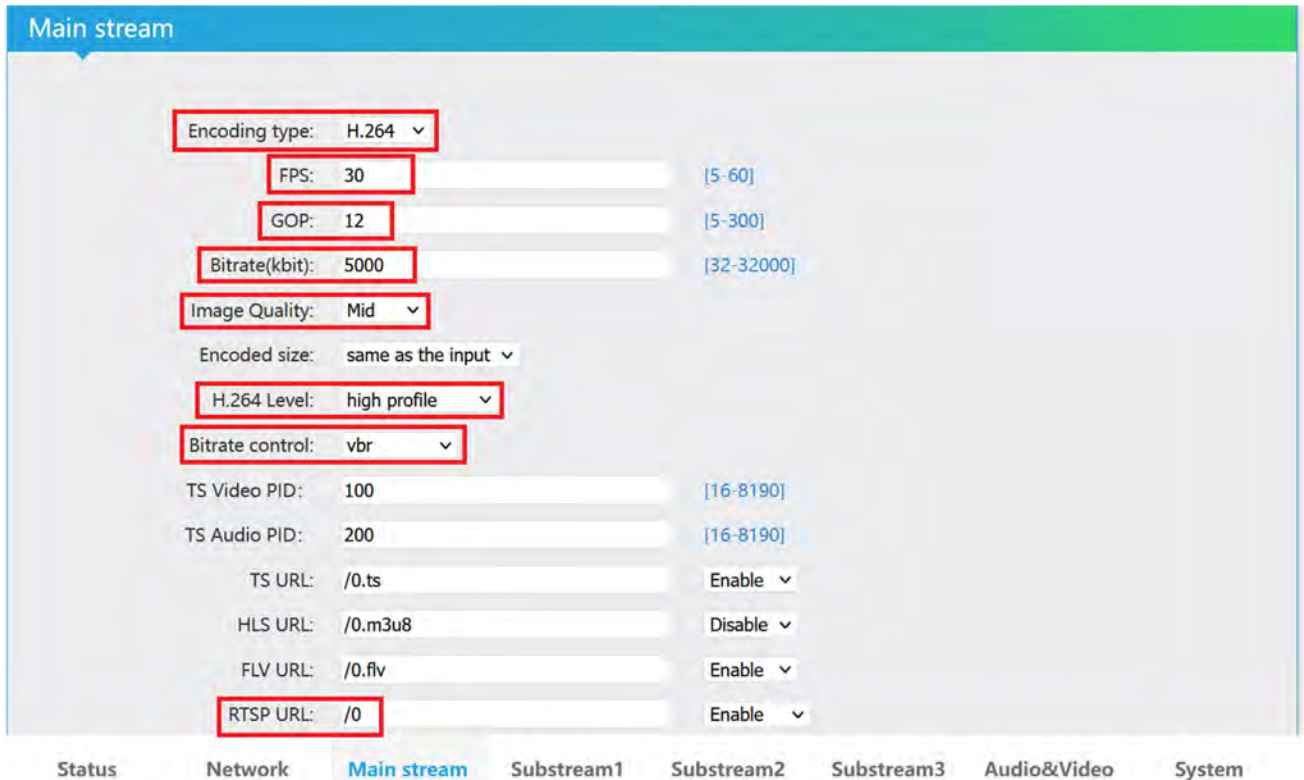


- f) Open a web browser and type the IP address of the Blankom SDE-265 in the address bar. Enter the default credentials (Username & password: **admin**).



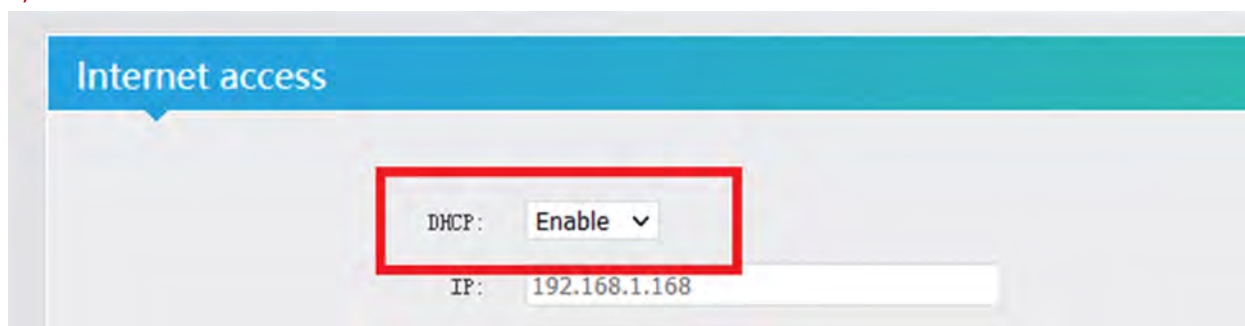
- f*) The default password can be changed under **System > Change password**.

- g) Click on **Main stream** and check that the highlighted settings are as follow:



- Encoding type: H.264
- FPS: any value between 20 and 60. Note that the value there should not be higher than the fps of the SDI stream for optimal performance
- Bitrate: 5'000.
- H. 264 Level: set **High profile**
- Bitrate control: set to **vbr**
- RTSP URL: ensure that it is **enabled**
- Click on Set up

- h) Go back to **Network** set DHCP to "Enable"

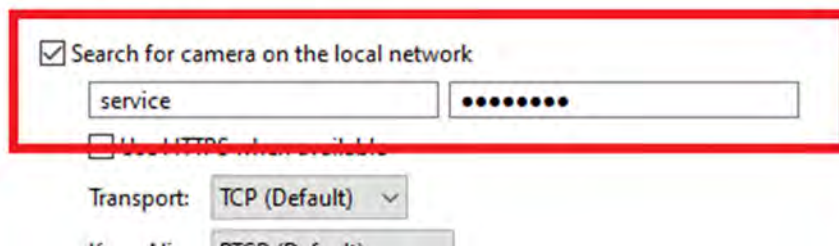


- Scroll down at the bottom of the page and click on "Set up"
- Go to System, scroll down at the bottom of the page and click on Reboot to apply the change
- Set your PC's IP address back to **Obtain an IP address automatically** (cf. point 4)

DARTFISH SETUP

- 01 Launch Dartfish and go to **Live > Source**
- 02 Click on **Network Camera**
- 03 Tick the box **Search for camera on the local network** and enter the credentials of the Blankom

IP Cameras



- 04 Click on OK
- 05 The Blankom will appear on the left under the name **XEncoder (city/sz)**. Select it by ticking the yellow box and close the **Source** page to go back to Live

TROUBLESHOOTING

I can't see the device listed in Dartfish software

- 👉 Check that you can access the device by entering its IP address in a web browser
- 👉 If it does not work, check that the IP address of your computer starts with the same numbers than the IP address of the Blankom SDE-265 (cf. point 4 of the chapter **SDE-265 Setup**).

The device is selected in Dartfish software but there is no image

- 👉 Check that the SDI cable is connected to the SDE-265

The recording is played too fast or too quickly

- 👉 Check that the **FPS** of the SDE-265 (point 6 of **SDE-265 Setup**) is the same than the **Camera frame rate** in Dartfish (point 5 of Dartfish Setup).

I see some interlacing issues during large pan or tilt camera movements

- 👉 If the input stream is interlaced (e.g. 1080i or 720i), go to System > Advanced Settings and set Deinterlaced to "Bottom only"

An error message appears when I select the Blankom device in Dartfish software

- 👉 This may happen if no audio track is provided in the SDI feed. In this case, set the Blankom to Video Only in System > Advanced Settings