HYPERION

- Dashboard
- **Configuration**
  - General
  - LED Hardware
  - **Capturing Hardware**
  - Effects
  - Image Processing
  - Network Services
- Remote Control
- Effects Configurator
- Support
- System

📷 Capturing Hardware

📷 Instance Capture

Enable platform capture	☐
Priority channel	250
Enable USB capture	☑
Priority channel	240

💾 Save settings

ⓘ Instance Capture Explanation

Option	Explanation
Enable platform capture	Enables the platform capture for this led hardware instance
Priority channel	The priority of this component
Enable USB capture	Enables the USB capture for this led hardware instance
Priority channel	The priority of this component

📷 Platform Capture

Explanation
Platform capture is your local system capture as input source, Hyperion is installed on.

Type	Automatic	
Height	45	Pixel
Width	80	Pixel
Capture frequency	10	Hz
Crop left	0	Pixel
Crop right	0	Pixel
Crop top	0	Pixel
Crop bottom	0	Pixel

💾 Save settings

ⓘ Platform Capture Explanation

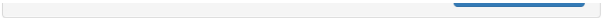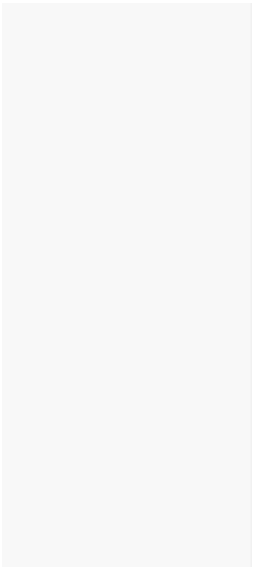| Option	Explanation
Type	Type of platform capture, default is 'auto'
Height	Shrink picture to this height, as raw picture needs a lot of cpu time.
Width	Shrink picture to this width, as raw picture needs a lot of cpu time.
Capture frequency	How fast new pictures are captured
Crop left	Count of pixels on the left side that are removed from the picture.
Crop right	Count of pixels on the right side that are removed from the picture.
Crop top	Count of pixels on the top side that are removed from the picture.
Crop bottom	Count of pixels on the bottom side that are removed from the picture.
Picture decimation	Reduce picture size (factor) based on original size. A factor of 1 means no change
Device	edt_conf_fg_device_expl
Display	Select which desktop should be captured (multi monitor setup)
edt_conf_fg_amlogic_grabber_title	edt_conf_fg_amlogic_grabber_expl
edt_conf_fg_ge2d_mode_title	edt_conf_fg_ge2d_mode_expl

📷 USB Capture

Explanation
USB capture is a (capture)device connected via USB which is used to input source pictures for processing.

Device	UVC Camera (534d:2109): USB Vid	
Input	Automatic	
Video standard	NTSC	
Device Resolution	Automatic	
Frames per second	Automatic	
Size decimation	8	
Crop left	0	Pixel
Crop right	0	Pixel
Crop top	0	Pixel
Crop bottom	0	Pixel
CEC detection	☐	
Signal detection	☐	

💾 Save settings

ⓘ USB Capture Explanation

Option	Explanation
Device	The path to the USB capture interface. Set to 'Automatic' for automatic detection. Example: '/dev/video0'
Input	Select the video input of your device. 'Automatic' keeps the value chosen by the v4l2 interface.
Video standard	Select the video standard for your region. 'Automatic' keeps the value chosen by the v4l2 interface.
Device Resolution	A list of supported resolutions of the active device
Frames per second	The supported frames per second of the active device
Size decimation	The factor of size decimation. 1 means no decimation (keep original size)
Crop left	Count of pixels on the left side that are removed from the picture.
Crop right	Count of pixels on the right side that are removed from the picture.
Crop top	Count of pixels on the top side that are removed from the picture.
Crop bottom	Count of pixels on the bottom side that are removed from the picture.
CEC detection	If enabled, usb capture will be temporarily disabled when CEC standby event received from HDMI bus.
Signal detection	If enabled, usb capture will be temporarily disabled when no signal was found. This will happen when the picture fall below the threshold value for a period of 4 seconds.
Red signal	Darkens low red values (recognized as black)

threshold	
Green signal threshold	Darkens low green values (recognized as black)
Blue signal threshold	Darkens low blue values (recognized as black)
Signal Detection VMin	Signal detection area vertical minimum (0.0-1.0)
Signal Detection VMax	Signal detection area vertical maximum (0.0-1.0)
Signal Detection HMin	Signal detection area horizontal minimum (0.0-1.0)
Signal Detection HMax	Signal detection area horizontal maximum (0.0-1.0)