SYNVIO

SynCapX User Manual

Video Capture and Target Device Control

Version 0.91 | 2026-11-03 | English

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1. Introduction

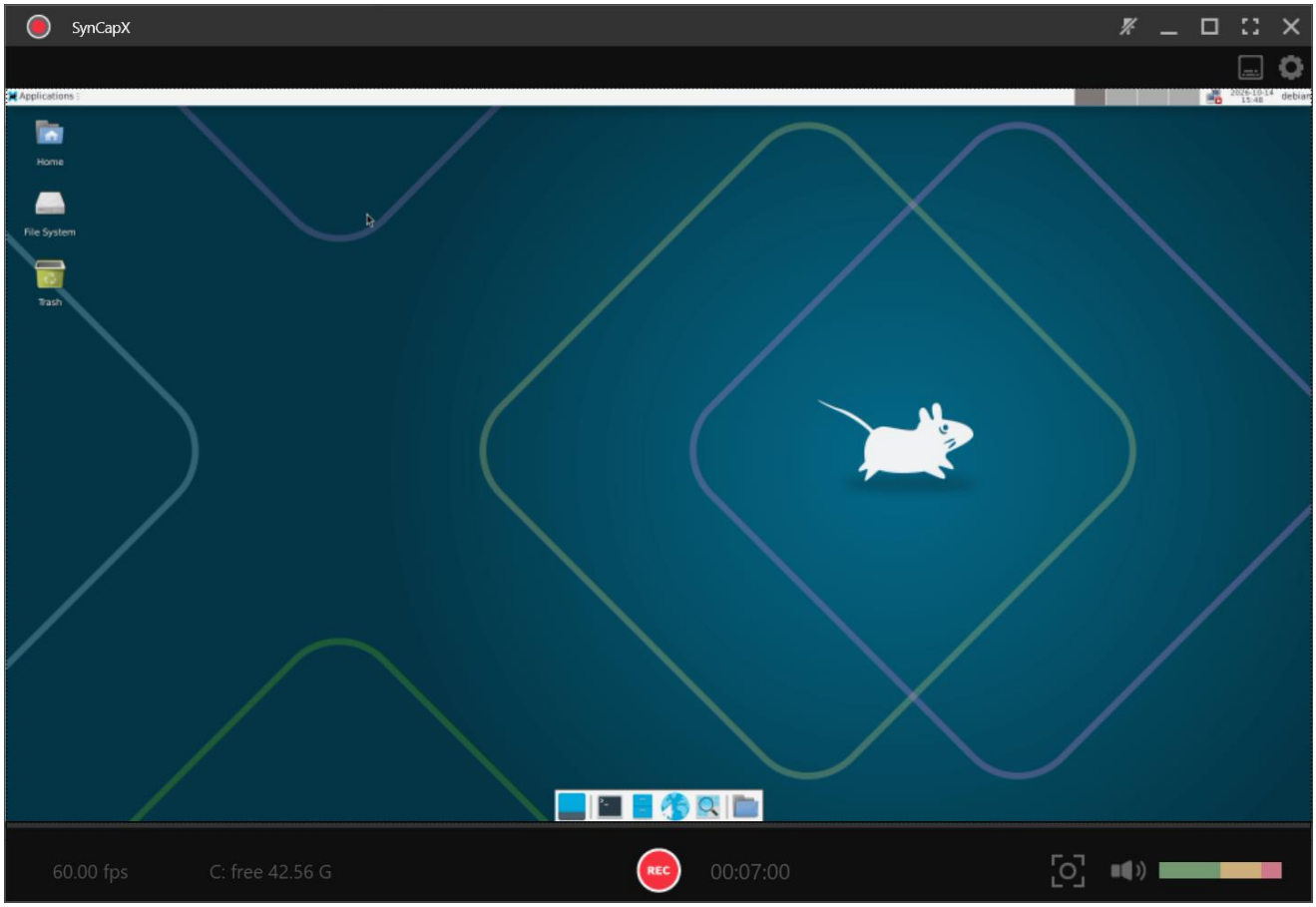
Thank you for your purchase. Before using SynCapX, review the functions supported by your device. This manual explains the essential steps for using the application.

SynCapX is a multifunctional application with an easy-to-use graphical interface for multimedia tasks. Available multimedia functions may vary depending on the product you purchased.

Software Features

- Multifunctional graphical user interface.
- Supports standard video capture functions.
- Supports switching between 4K EDID and 1080p EDID.
- Supports host and target device control modes.

2. Main Panel



SynCapX main panel

Buttons

Icon	Button	Icon	Button
	Always on Top		Minimize
	Maximize		Full Screen
	Close		OSD
	Settings		Record
	Mute / Unmute		Snapshot

3. Controls and Target Device Operation

Always on Top: Enable the pin to keep the preview window above other windows. Disable the pin to turn this off.

Minimize: Minimize the SynCapX preview window.

Maximize: Maximize the SynCapX preview window.

Full Screen: Display the SynCapX preview in full screen.

Close: Close SynCapX.

OSD: Display HDMI input and capture information.

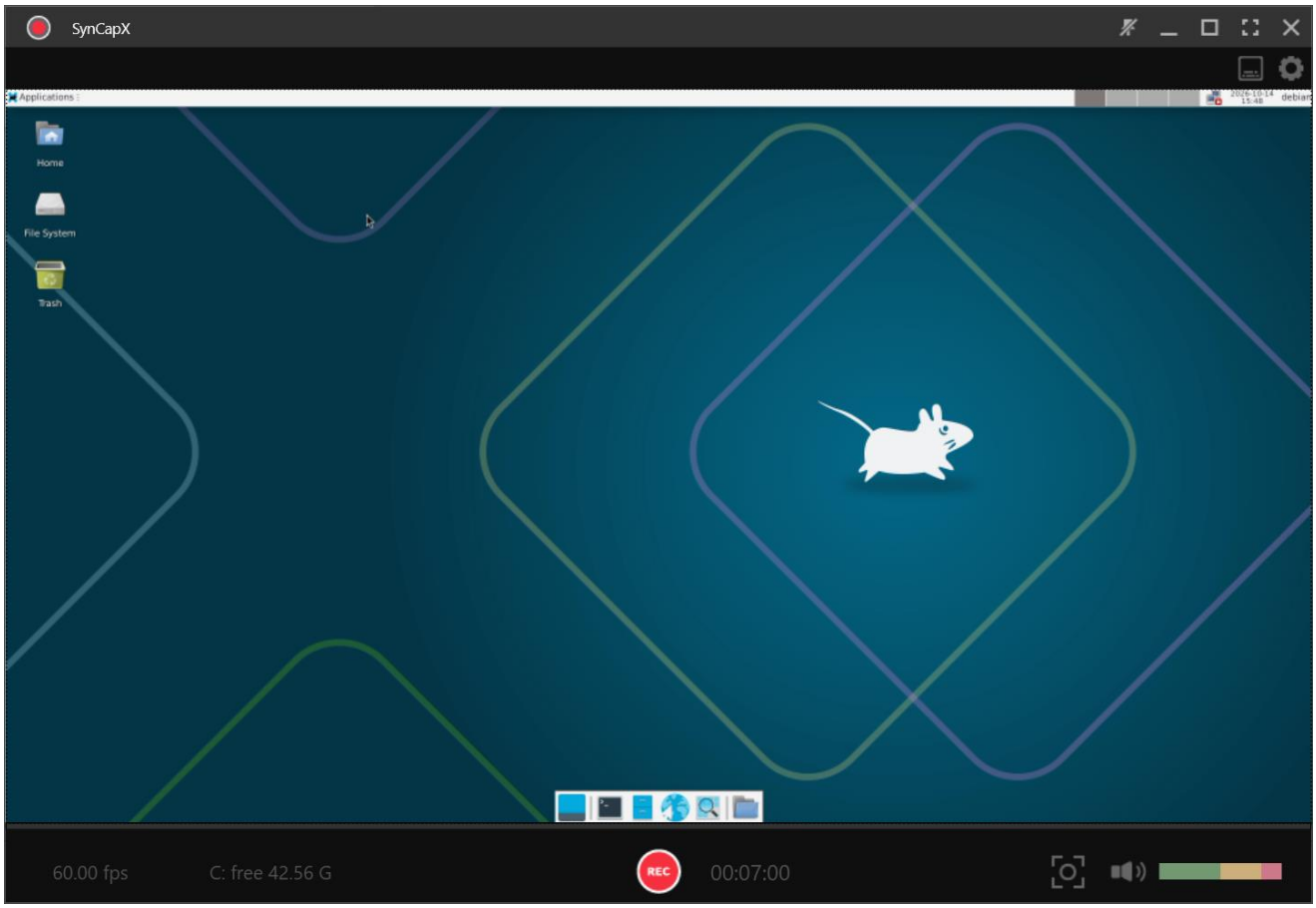
Settings: Open the SynCapX settings.

Record: Click to start recording. Click again to stop.

Mute / Unmute: Click to mute monitoring audio. Click again to unmute.

Snapshot: Click to snapshot the preview window and save as PNG file.

Controlling the Target Device

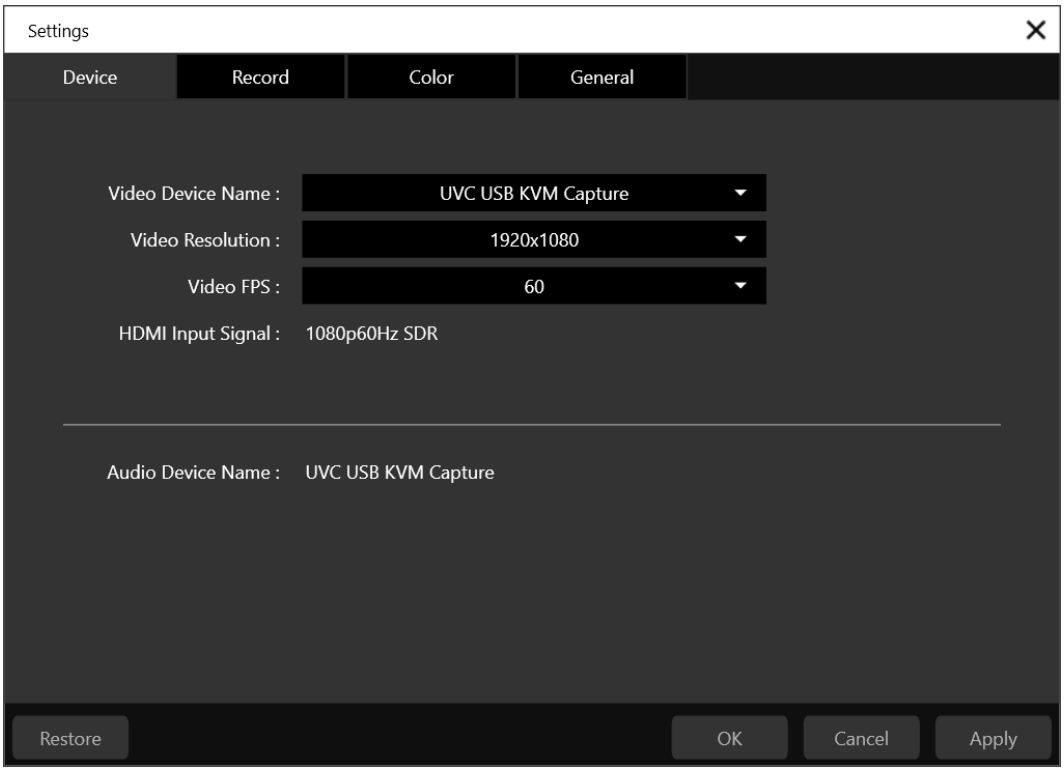


1. Launch SynCapX. The target device screen appears in the center preview window.
2. Left-click once inside the preview to begin controlling the target device.
3. To return keyboard and mouse control to the host PC, press Esc, then move the mouse pointer.

4. Settings

After changing settings, click Apply, then OK to make the changes take effect.

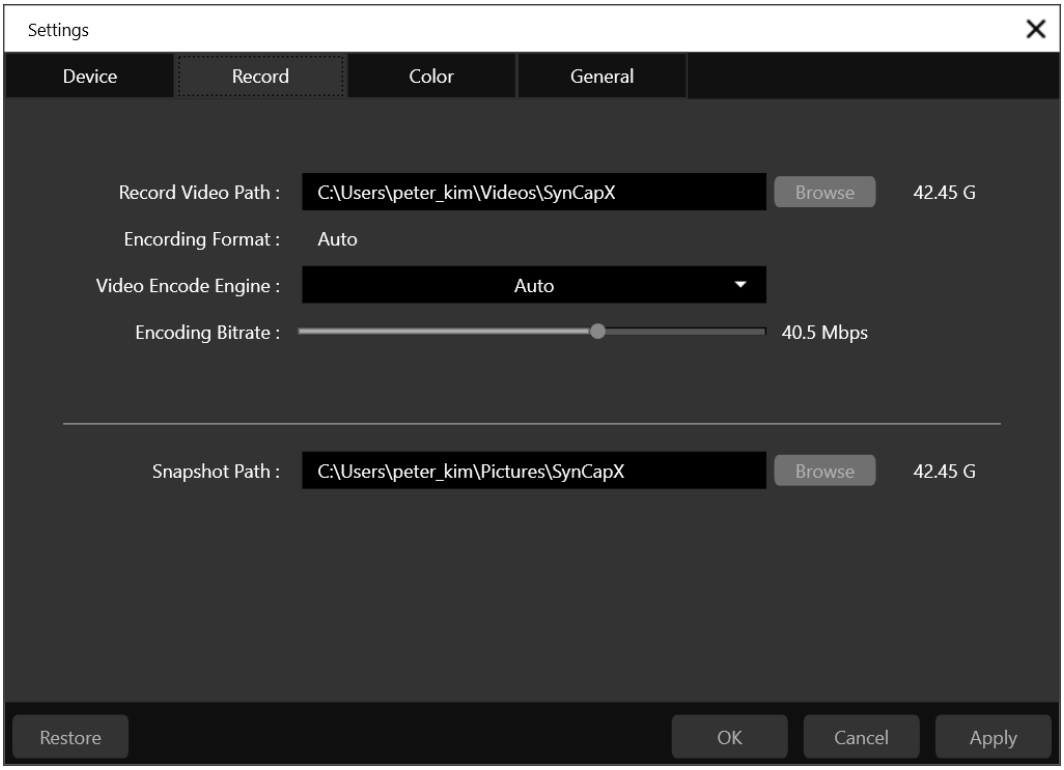
4.1 Device



Device settings

Setting	Description
Video Device Name	Select a video device recognized by SynCapX.
Video Resolution	Select an available recording resolution.
Video FPS	Select an available recording frame rate.
HDMI Input Signal	Automatically detects and displays the HDMI input signal status.

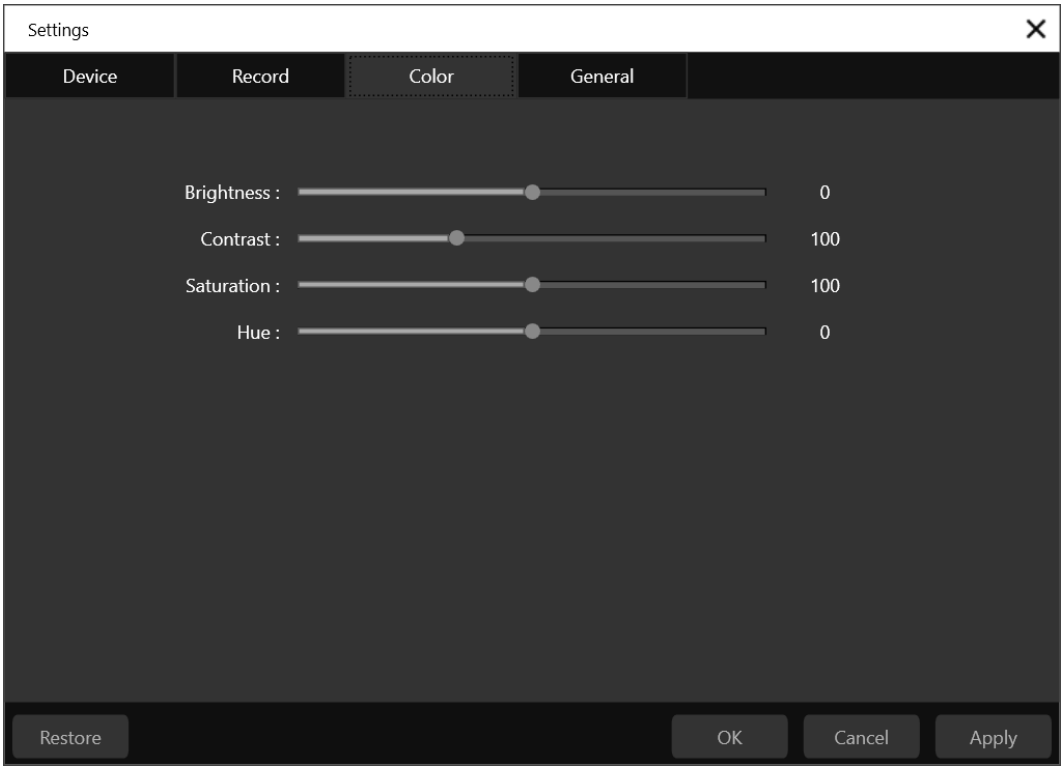
4.2 Record



Recording settings

Setting	Description
Record Video Path	Select the folder in which recorded files are saved.
Encoding Format	Uses H.264 for SDR recording.
Video Encode Engine	Select an available encoding engine, such as Quick Sync, NVENC or AMD.
Encoding Bitrate	Use the slider to adjust the bitrate from 8.5 Mbps to 60 Mbps.
Snapshot Path	Select the folder in which snapshot image files are saved.

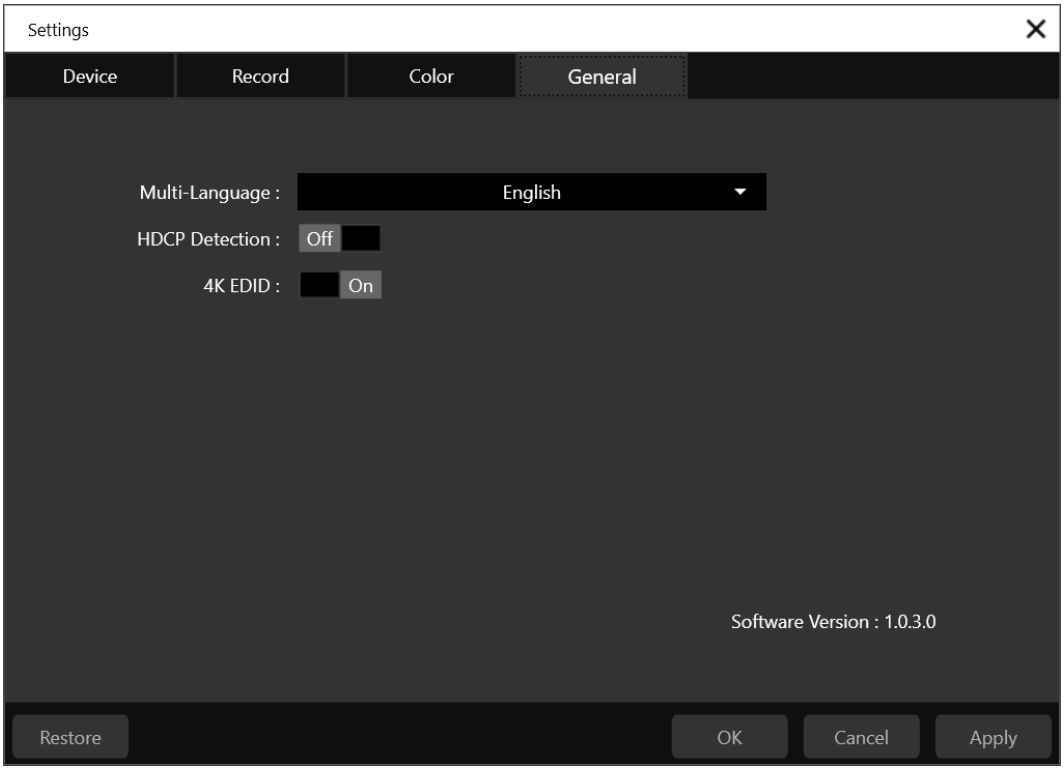
4.3 Color



Color settings

Adjust Brightness, Contrast, Saturation and Hue.

4.4 General



General settings

Setting	Description
Multi-Language	Select a supported language for the user interface.
HDCP Detection	Turn HDCP detection on or off for the specified video source input when recording.
4K EDID	Switch between 4K EDID and 1080p EDID.