

Android Screen Capture

Capture the screen of an Android device in an MP4 file that you can download

Product information

Product

- Software
- Hardware ⁽¹⁾

Applications

- Video capture on an Android device
- Manual capture
- Start/stop capture from a PC (via USB or on the same network)
- Monitor the Quality of Experience (QoE) on Android devices

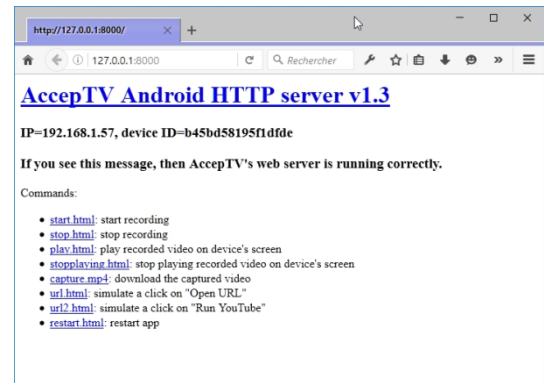
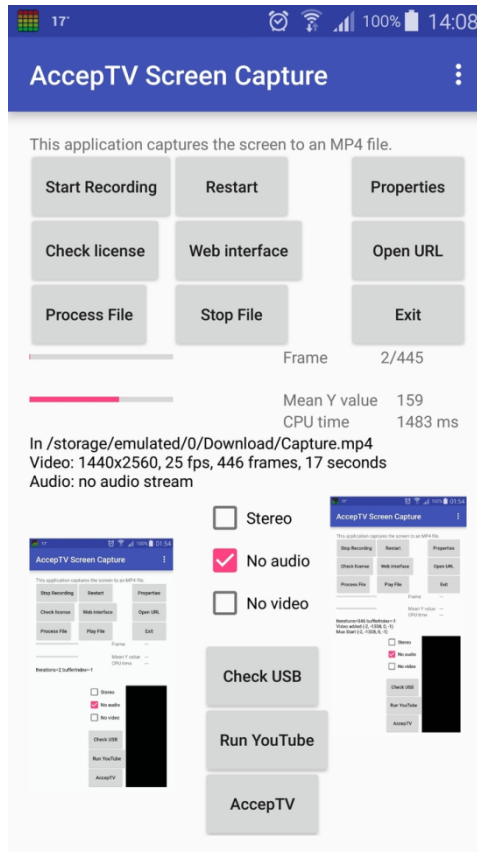
Features:

- Screen capture
- HTTP server
- Open URL in browser
- Open URL in application (like the YouTube application)

Output video

- MP4 container
- H.264 encoding from 1 to 15 Mbps (default)
- Native screen resolution
- Downloadable using the integrated HTTP server

⁽¹⁾ Hardware (PC, Android device) may be supplied as an option



Android Screen Capture is an Android application which enables to capture the video displayed on an Android device.

Video is recorded in an MP4 file using the H.264 codec at 15 Mbps by default (bitrate can be selected from 1 to 15 Mbps).

Android Screen Capture saves the video at the native screen resolution.

Android Screen Capture also includes its own HTTP server. Thanks to this HTTP server, the user can call specific URLs to:

- Start/stop capture
- Download the captured MP4 file
- Open URLs (in a web browser or in application like the YouTube application)

Android Screen Capture can also be controlled from adb.exe (Android Debug Bridge).

Android Screen Capture is a convenient tool to capture the screen of an Android device by running commands/calling URLs from a host PC.

Thanks to the captured videos and used with a measurement/monitoring solution like Video Quality Monitor (VM), Android Screen Capture enables to monitor the Quality of Experience (QoE) on Android devices.

Indeed, you can create a script in which you:

- Start capture on the Android device
- Open an URL (a YouTube video for example)
- Wait for a few minutes
- Stop capture
- Download the video from to Android device to a PC
- Measure the video quality using VQM
- Repeat these steps, in loop

The flexible solution to capture the display of an Android device

AcceptTV
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Perceived Video Quality Metrics

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