

Quick Start Guide

ProDVX API for AOSP (Android 8.1, Android 9, Android 11, Android 12)

1. Download the application ProDVX-API-AOSP-v1.2c.apk

Link to download:

<https://drive.google.com/file/d/1DbZlgrDXNiMowjgjUlJP2QKDy8Tt6sqk/view?usp=sharing>

2. Install the APK through ADB

```
cd /path/to/platform-tools
./adb root
./adb remount
./adb push /path/to/ProDVX-API-AOSP-v1.2c.apk /system/priv-app/
./adb shell chmod 644 /system/priv-app/ProDVX-API-AOSP-v1.2c.apk
./adb reboot
```

3. Endpoints available

```
http://<ip>:3535/v1/rebootDevice?token=<token>
http://<ip>:3535/v1/shutdownDevice?token=<token>
-----
http://<ip>:3535/v1/setDeviceKey?deviceKey=mykey&token=<token>
http://<ip>:3535/v1/getDeviceInfo?token=<token>
http://<ip>:3535/v1/getLogcatFile?token=<token>
-----
http://<ip>:3535/v1/wakeupDevice?token=<token>
http://<ip>:3535/v1/sleepDevice?token=<token>
http://<ip>:3535/v1/setScreenBacklightOff?token=<token>
http://<ip>:3535/v1/setScreenBacklightOn?token=<token>
http://<ip>:3535/v1/disableTouchScreen?token=<token>
http://<ip>:3535/v1/enableTouchScreen?token=<token>
http://<ip>:3535/v1/hideSystemBars?token=<token>
http://<ip>:3535/v1/showSystemBars?token=<token>
http://<ip>:3535/v1/hideSystemBarButtons?token=<token>
http://<ip>:3535/v1/showSystemBarButtons?token=<token>
http://<ip>:3535/v1/getScreenShot?token=<token>
http://<ip>:3535/v1/enableWatchdog?token=<token>
http://<ip>:3535/v1/disableWatchdog?token=<token>
```

http://<ip>:3535/v1/setScreenBrightness?level=level&token=<token>

* level: 5..100

http://<ip>:3535/v1/setAllLedsOff?token=<token>

http://<ip>:3535/v1/setAllLeds?lrgb=<LRGB>&token=<token>

* LRGB = 0xFFFFFFFF or 255,255,255,255 format

http://<ip>:3535/v1/setLeds?lrgb=<LRGB>;...N...;LRGB>&token=<token>

* LRGB;...N...;LRGB = 0xFFFFFFFF or 255,255,255,255 format; N=52

<token>

http://<ip>:3535/v1/downloadFile?url=<directURL>&dir=<downloadFolder>&token=<token>

http://<ip>:3535/v1/getDownloadInfo?downloadToken=<downloadToken>=<token>

http://<ip>:3535/v1/installFile?file=</path/app.apk>&runAfterInstall=true&token=<token>

http://<ip>:3535/v1/getInstallInfo?installToken=<installToken>&token=<token>

Note: It is possible to put the token in a header

Note: For parameters <directURL>, <downloadFolder>, </path/app.apk> don't forget to url-encode all parameters properly (<https://www.urlencoder.org/>).

4. How to get the token?

- The Device Key by default is *ProDVXapi*
- Use promgr.prodvx.com portal to generate a token based on Device Key



Please pay attention! For security reasons, tokens are not saved. If the token is lost, you will need to create a new one (based on the Device Key) or perform a factory reset to get the default Device Key.

5. Uninstall the APK through ADB (if needed)

./adb root

./adb remount

```
./adb shell rm /system/priv-app/ProDVX-API-AOSP-v1.2c.apk
```

```
./adb reboot
```

Quick Start Guide

ProDVX API for APPC-10SLBe (Android 11 EDLA/GMS)

1. Download the application ProDVX-API-EDLA-v1.2c.apk

Link to download:

https://drive.google.com/file/d/1zmEyx7uAIO73t0-3yd9wv1tXuV5zBj1_/view?usp=sharing

2. Install the APK using USB stick

3. Reboot the device

4. Start ProDVX-API-EDLA-v1.2c.apk once

5. Endpoints available

http://<ip>:3535/v1/rebootDevice?token=<token>

http://<ip>:3535/v1/shutdownDevice?token=<token>

http://<ip>:3535/v1/setDeviceKey?deviceKey=mykey&token=<token>

http://<ip>:3535/v1/getDeviceInfo?token=<token>

http://<ip>:3535/v1/getLogcatFile?token=<token>

http://<ip>:3535/v1/wakeupDevice?token=<token>

http://<ip>:3535/v1/sleepDevice?token=<token>

http://<ip>:3535/v1/setScreenBacklightOff?token=<token>

http://<ip>:3535/v1/setScreenBacklightOn?token=<token>

http://<ip>:3535/v1/disableTouchScreen?token=<token>

http://<ip>:3535/v1/enableTouchScreen?token=<token>

http://<ip>:3535/v1/hideSystemBars?token=<token>

http://<ip>:3535/v1/showSystemBars?token=<token>

http://<ip>:3535/v1/hideSystemBarButtons?token=<token>

http://<ip>:3535/v1/showSystemBarButtons?token=<token>

http://<ip>:3535/v1/getScreenShot?token=<token>

http://<ip>:3535/v1/enableWatchdog?token=<token>

http://<ip>:3535/v1/disableWatchdog?token=<token>

http://<ip>:3535/v1/setScreenBrightness?level=level&token=<token>

* level: 5..100

http://<ip>:3535/v1/setAllLedsOff?token=<token>

http://<ip>:3535/v1/setAllLeds?lrgb=<LRGB>&token=<token>

* LRGB = 0xFFFFFFFF or 255,255,255 format

http://<ip>:3535/v1/setLeds?lrgb=<LRGB;...N...;LRGB>&token=<token>

* LRGB;...N...;LRGB = 0xFFFFFFFF or 255,255,255 format; N=52

<token>

http://<ip>:3535/v1/downloadFile?url=<directURL>&dir=<downloadFolder>&token=<token>

http://<ip>:3535/v1/getDownloadInfo?downloadToken=<downloadToken>=<token>

http://<ip>:3535/v1/installFile?file=</path/app.apk>&runAfterInstall=true&token=<token>

http://<ip>:3535/v1/getInstallInfo?installToken=<installToken>&token=<token>

Note: It is possible to put the token in a header

Note: For parameters <directURL>, <downloadFolder>, </path/app.apk> don't forget to url-encode all parameters properly (<https://www.urlencoder.org/>).

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