

# Installing APK on Android Smart TV

## Method 1: Install APK Using USB Stick

1. Prepare the APK File: Download and copy the APK to a USB stick (FAT32/exFAT).
2. Enable Unknown Sources: Settings > Device Preferences > Security & Restrictions > Allow unknown sources for File Manager.
3. Connect USB: Insert USB stick into TV.
4. Open File Manager: Browse USB storage, locate APK.
5. Install APK: Select APK file, confirm installation, accept permissions.

## Method 2: Install APK Using ADB Commands

Step 1: Enable Developer Options: Settings > About > tap Build Number 7 times. Enable USB Debugging.

Step 2: Connect TV: Use USB cable or enable ADB over Network (note TV IP).

Step 3: Install ADB on PC: Download platform-tools from Google and extract.

Step 4: Connect to TV: Run 'adb devices' (USB) or 'adb connect <TV\_IP>:5555' (Wi-Fi). Accept debugging prompt.

Step 5: Install APK: Place APK in ADB folder. Run 'adb install appname.apk'. Wait for 'Success'.

## Troubleshooting

- device unauthorized: Reconnect and accept prompt on TV.
- INSTALL\_FAILED\_VERSION\_DOWNGRADE: Remove older version first using 'adb uninstall package.name'.
- INSTALL\_FAILED\_INSUFFICIENT\_STORAGE: Free up space on TV before retrying.
- adb not recognized: Ensure platform-tools folder is added to system PATH.
- No device found: Check cable/Wi-Fi, re-enable Developer Options, try 'adb kill-server' then 'adb start-server'.