

X990 Downloads

X990 SDK Components

Note that the X990 SDK components are designed to be versatile and can be utilized globally without restrictions, but do keep in mind that there are certain distinctions to be aware of regarding region-specific packages.

1. **International SDK Components:** SDK components labeled as "**International**" can be used across all regions. They are not region-restricted and are fully compatible with any location. You can confidently integrate these components into your projects, regardless of your geographical location.
2. **Region-specific SDK Components:** On the other hand, some of our components are tailored for specific regions. These region-specific components are optimized to work efficiently in the specified regions only. While they excel in their designated locations, they may not function optimally or might face compatibility issues if used in other regions.
3. **Compatibility of International SDK Components in Regions with Specific SDK Components:** While our International SDK components are designed for global compatibility and can be used in most regions without any issues, it is important to note that if you have region-specific SDK components available for a particular geographical area, the International SDK components may not function as expected within that specific region.

Click on the blue button to download the file.

X990 PinPAD



Service Package	Version	Type	Applicable Region	Release Date	Release Notes
X990PINPAD_202307101624_full Android10 (CRC32_4BEC9164).zip	Android 10	ROM	International	Jan 02, 2024	Release Notes
X990PP-V1.0.02(202305051730)_CRC32_89B93744.zip	Android 10	SP	International	Jan02, 2024	Release Notes

X990 Mini



Service Package	Version	Type	Applicable Region	Release Date	Release Notes
X9_MINI_VHQ_Service_1.2.0_20240926_O_Ssign.zip	1.2.0	VHQ Agent	International	Sep 27, 2024	Release Notes
VeriStore Agent 1.2.0.zip	1.2.0	VeriStore	International	Nov 22, 2024	Release Notes
MiniVFService_PermissionOff_2.1.0_240725_173636.zip	Android 10	VF Service	International	Jul 26, 2024	Release Notes
MiniVFX990SystemService_1.1.2.2_1000500_240926.zip	Android 10	System Service	International	Sep 27, 2024	Release Notes
X990Mini_20240828_1200_full_INTL_Android10_(CRC32_b24ba434).zip	Android 10	ROM (mini)	International	Aug 28, 2024	Release Notes
MiniVFService_PermissionOff_2.0.0_240522_143709.zip	Android 10	VF Service	International	June 18,2024	Release Notes
X9_MINI_VHQ_Service_1.1.0_20240606_O_Ssign.zip	Android 10	VHQ Agent	International	June 18,2024	Release Notes
MiniVFService_PermissionOff_1.1.1.1_240318_093655.zip	Android 10	VF Service	International	Apr 04, 2024	Release Notes

Service Package	Version	Type	Applicable Region	Release Date	Release Notes
MiniVFService_PermissionOff_1.1.1_231208_151633.zip	Android 10	VF Service	International	Feb 23,2023	Release Notes
MiniVFX990SystemService_1.1.1_1000500_231229.zip	Android 10	System Service	International	Feb 23, 2023	Release Notes
X9_MINI_VHQ_Service_1.0.0_20230721_OSSign	Android 10	VHQ Agent	International	Nov 27, 2023	Release Notes

X990 Pro



Service Package	Version	Type	Applicable Region	Release Date	Release Notes
X990Pro_202407101200_full_Android10(CRC32_c1535a08).zip	Android 10	ROM (X990 Pro)	International	Aug 1, 2024	Release Notes
X990_Pro_H554-I-P-1A.0.13_OS.zip	Android 10	ROM (X990 Pro)	International	Oct 9, 2024	Release Notes
X990Pro_202311241200_full_Android10(CRC32_FD747286)(1).zip	Android 10	ROM (X990 Pro)	International	Mar 06, 2023	Release Notes

X990 Portable & CounterTop



<https://verifone.cloud/docs/in-person-payments/verifone-x990/x990-downloads>

Updated: 26-Nov-2024

ROM & Security Driver

ROM & Security Driver Package	Version	Type	Applicable Region	Release Date	Release Notes
X990V4_202407301513_full_Android10_(CRC32_26D83310).zip	v4(Android10)	ROM	International	Jul 31, 2024	Release Notes
V1.1.1.202404101036_full_INTL_Android7_version(CRC32_8726D69C).zip	v2(Android7)	ROM	International	Apr 23, 2024	Release Notes
V1.1.1.202312302331_full_INTL_Android7_version(CRC32_67002E7D).zip	v2(Android7)	ROM	International	Feb 05, 2024	Release Notes
X990V4_202401161438_full_Android10_BRA_(CRC32_BD598F76)_0.zip	v4(Android10)	ROM	Brazil	Feb 05,2024	Release Notes
V1.1.1.202302021544_full_INTL_Android7_version(CRC32_79DD1B4C)(1).zip	v2(Android7)	ROM	International	JAN 26,2024	Release Notes
X990V4_202401161438_full_Android10_BRA_(CRC32_BD598F76).zip	v4(Android10)	ROM	Brazil	JAN 26, 2024	Release Notes
X990-V1.0.34(202312070931)_CRC32_72B3DC58.zip	v2(Android7)+ v4(Android10)	Security Driver (SP)	International	Aug 23, 2024	Release Notes

System Service

Package	Version	Applicable Region	Release Date	Release Notes
VFX990SystemService_1.12.4.1_1000500_231115	v2(Android7)+ v4(Android10)	International	Nov-27, 2023	Release Notes

Package	Version	Applicable Region	Release Date	Release Notes
VFX990SystemService_1.14.0_1000500_240929.zip	v2(Android7)+ v4(Android10)	International	Sep 29, 2024	Release Notes
VFX990SystemService_1.12.4.1_1000500_231115_BR	v2(Android7)+ v4(Android10)	Brazil	Nov-27, 2023	Release Notes
VFX990SystemService_1.14.0_1000500_240929_BR.zip	v2(Android7)+ v4(Android10)	Brazil	Sep 29, 2024	

VF Service

Package	Version	Applicable Region	Release Date	Release Notes
VFService_PermissionOn_4.3.0.2_241114_095624.zip VFService_PermissionOff_4.3.0.2_241114_094926.zip	v2(Android7)+ v4(Android10)	International	Nov 14, 2024	Release Notes
VFService_PermissionOn_4.1.0_240511_140632_BR.zip	v2(Android7)+ v4(Android10)	Brazil	June 05,2024	Release Notes
VFService_PermissionOn_4.1.0_240511_140632.zip VFService_PermissionOff_4.1.0_240511_140439.zip	v2(Android7)+ v4(Android10)	International	June 05,2024	Release Notes
VFService_PermissionOn_3.13.0_240522_182312.zip VFService_PermissionOff_3.13.0_240522_182050.zip	v2(Android7)+ v4(Android10)	International	June 04,2024	Release Notes

Package	Version	Applicable Region	Release Date	Release Notes
VFService_PermissionOn_3.12.1.4_240311_142221.zip VFService_PermissionOff_3.12.1.4_240311_142523.zip	v2(Android7)+v4(Android10)	International	Apr 04, 2024	Release Notes
VFService_PermissionOn_3.12.1.4_240311_142221_BR.zip	v2(Android7)+v4(Android10)	Brazil	Apr 04, 2024	Release Notes
VFService_PermissionOff_3.12.1.1_240111_164128.zip VFService_PermissionOn_3.12.1.1_240111_164544.zip	v2(Android7)+v4(Android10)	International	March 12, 2024	Release Notes

VHQ Agent

Package	Version	Applicable Region	Release Date	Release Notes
VHQ Agent_4.104.3_20240307.zip	v2(Android7) + v4 (Android10)	International	Mar 06, 2024	Release Notes
X9_VHQ_Service_4.104.6_20241022_v1v2_OSSigned.zip	v2(Android7) + v4 (Android10)	International	Oct 25, 2024	Release Notes
X9_VHQ_Service_4.104.2_20240129_v1_v2_OSSigned.zip	v2(Android7) + v4 (Android10)	International	Feb 05, 2024	Release Notes
X9_VHQ_Service_4.104.1_20231214_v1v2_OSSigned.zip	v2(Android7) + v4 (Android10)	International	Jan 02, 2024	Release Notes
X9_VHQ_Service_4.103.1_20231010_v1v2_OSSigned_BRA.zip	v2(Android7) + v4 (Android10)	Brazil	Oct 23, 2023	Release Notes

Veristore

Package	Version	Applicable Region	Release Date	Release Notes
VeristoreTemplateGeneratorTools v1.1.zip	v1.1	International	May 23,2024	Guides
VeriStore Agent 2.7.0.zip	2.7.0	International	Nov 11, 2024	Release Notes
Veristore.zip	2.5.0	International	Apr 24,2024	Guides
Veristore File 2.0.zip	v2.0	International	Oct13, 2023	Release Notes
AppStore 1.8.1 220809 release OSsigned.zip	v1.8.1	International	Apr 24,2023	Documentations / Parameter files
Tools.zip		International	DEC14, 2023	Release Notes

Installer

Package	Version	Applicable Region	Release Notes
installer v1.2.9 0414 release OSsigned.zip	v1.2.9	International	Release Notes
installer v1.2.9 0414 release OSsigned	V1.2.9	Brazil	Release Notes

X990 Tools

Package	Version	Release Date
New driver--Sprd_Driver_5_20230401.zip	v4 (Android10)	Dec 26, 2023
X9990V4_Driver_R4.20.1401-Signed-20221214 (1).zip	v4 (Android 10)	Oct-13, 2023

Package	Version	Release Date
VfiX9ApkSigningToolV1.0.4.zip	N/A	Oct-13,2023
X990V1V2-Drivers-Signed-20220826	V1+V2 (Android 5+ Android 7)	Oct-26, 2022
X990_V4_Driver_R4.20.1401-Signed-20220520	V4 (Android 10)	May-20, 2022
VerifoneADB	N/A	N/A
Sprd_Driver_R4.20.1401-Signed-20221214	V4 (Android 10)	Dec-14, 2022
SmartPosUARTDriver20180928	N/A	Sep-28, 2018
SafeNetAuthenticationClient-x32-x64-10.0	N/A	N/A
Permissions	N/A	N/A
VfiX9ApkSigningTool	N/A	N/A
platform-tools-ADB	N/A	N/A
APKInstaller	N/A	N/A

X990 Biometric Only



Package	Version	Release Date	Release Notes
FingerprintService_1.2_220922_release_v1v2	V1+V2 (Android 7)	Sep-22, 2022	Release Notes
Demo Application	N/A	N/A	

BonusHub

Package	Version
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[BonusHub P2PE_x990-231110](#)

v4