

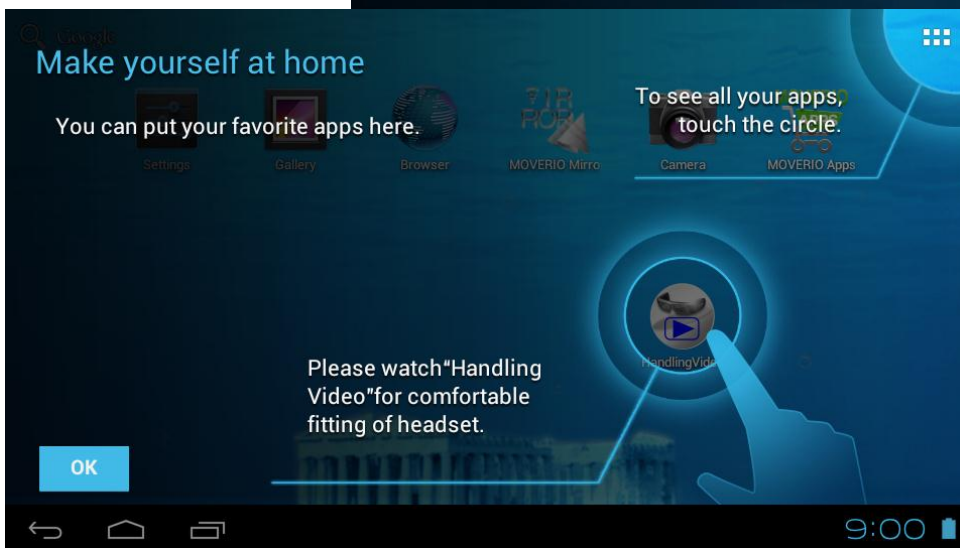
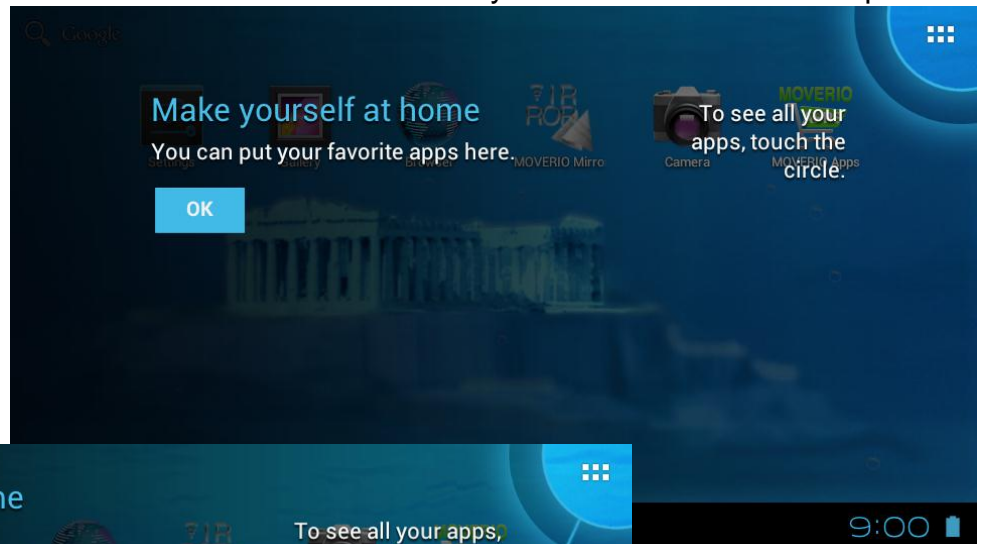
System Software for Developer Release Note (Ver.D1.1.2)

1. System Software for Developer Overview

Due to security reasons, the debug function for the MOVERIO BT-200 system software for consumer is disabled. We have special system software with debug function for the MOVERIO apps developers. The following is the differences from system software for consumer version.

- Can use Android Debug Bridge (ADB) function
- Number of pre-installed Apps is less
- There are limitations for contents that MOVERIO Mirror can operate
- Application can be installed by using pre-installed SEViewer
- P-GPS is not available

System Software for Developer



System Software for Consumer

2. Pre-installed Applications Difference

Pre-installed Applications with the system software for developer are smaller set than consumer version since the purpose of the system is for development of applications. Refer to chart below for the differences of pre-installed applications.

App Name	Provider	Description	Consumer	Developer
MOVERIO Mirror	SEIKO EPSON	Wi-Fi Miracast App	Yes	Yes ※ ¹
MOVERIO Apps Market	SEIKO EPSON	MOVERIO Market App	Yes	Yes
MOVERIO Abyss	SEIKO EPSON	Live wallpaper	Yes	Yes
Attachment Video	SEIKO EPSON	Product explanation Video	Yes	No
iWnn	OMRON Soft	Multi Language Text Input system	Yes	No
NETMAP STORE	Kokusai Kougyo	Kokusai Kougyo Market App	Yes	Yes
MicroRobotShooting	Quest-Com	3D Game	Yes	No ※ ²

※¹ : Has limitation with Developer version (See next section)

※² : Can be installed from MOVERIO App Market

3. Limitation of contents with MOVERIO Mirror

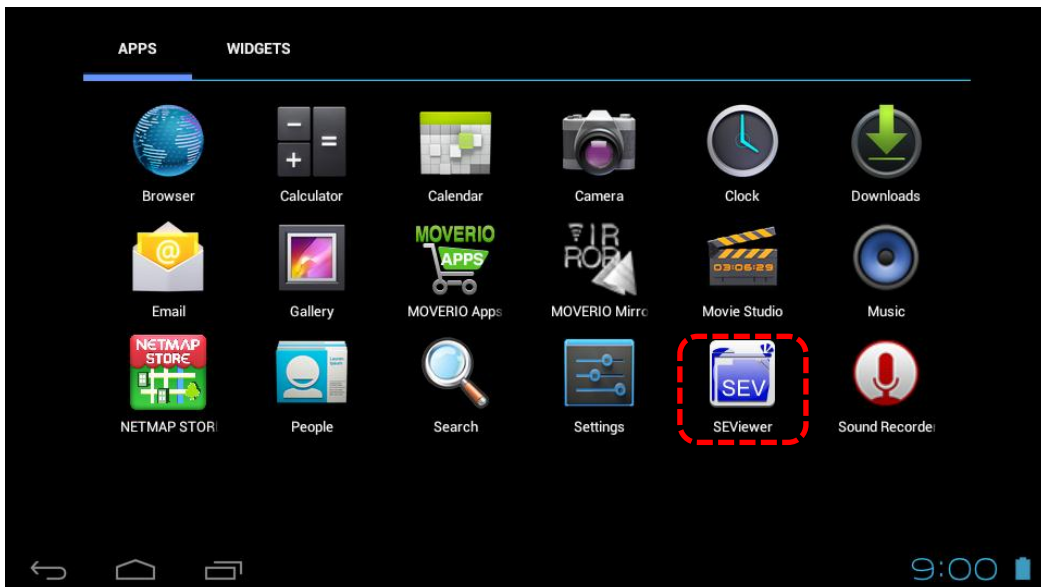
The debug function for the MOVERIO system software for consumer is disabled. Some cases of improper system alterations by misusing the adb debug environment have been reported, and this is to prevent such abuse. MOVERIO supports copyright protection of contents such as DRM. In order to prevent the extraction of the copyright protected contents by misusing the debug environment, the system software for developer acts as a non-DRM-compliant system. Therefore, with MOVERIO Mirroring function, there may be some instances of not being able to view or transmit the copyright protected contents, or connect to the DRM compliant equipments.

4. How to Install Application

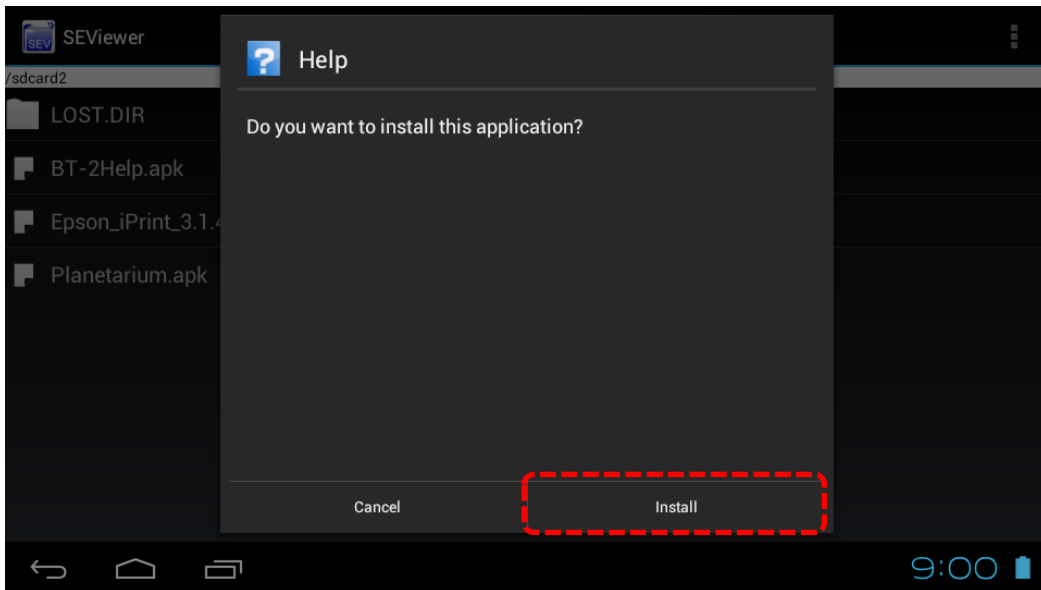
For testing application program with MOVERIO device, the application program in apk format is needed to be installed onto the MOVERIO device.

There are two easy methods to install apk file in MOVERIO system software for developer:

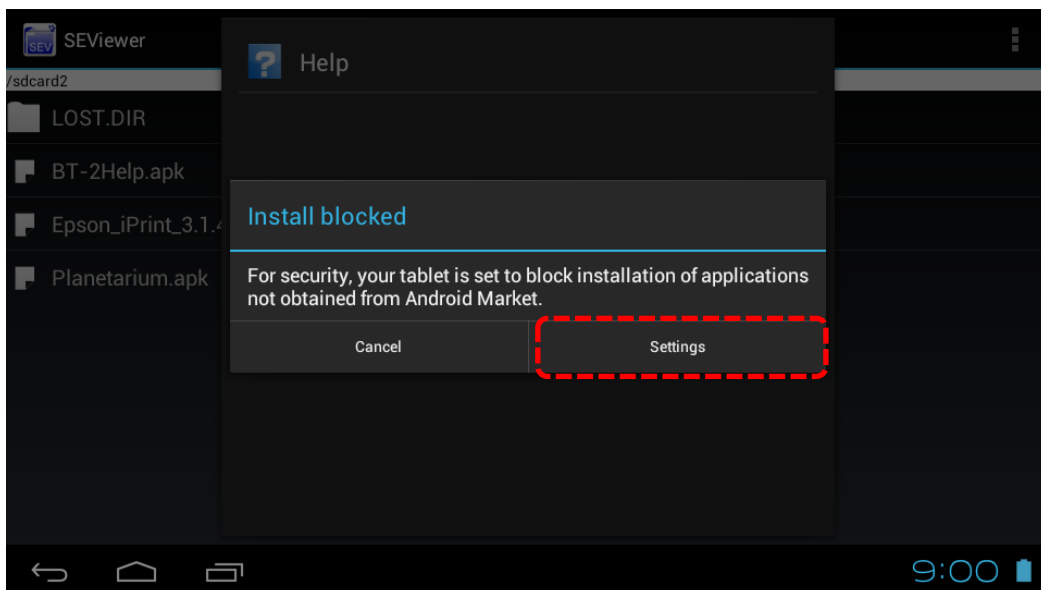
- Install from PC by using ADB
 - Install from MicroSD card by using SEViewer
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- Install from PC by using ADB
 - 1) Connect PC and MOVERIO with USB cable
 - 2) When recognized as adb device > Execute “adb install xxx.apk”
 - ※ xxx.apk ... application’s apk file name
 - ※ For adb command usage, refer to available general public information.
 - Install from MicroSD card by using SEViewer
 - 1) Save apk file in MicroSD card
 - 2) Insert MicroSD card into MicroSD slot on MOVERIO
 - 3) Launch SEViewer. Move to / (root) by pressing [Back] Button twice.



- 4) Tap /sdcard2 for viewing MicroSD card contents
- 5) Move to directory where the apk file saved
- 6) Double tap the apk file
- 7) Tap [Install] at confirmation dialog for installation
 - ※ If [Installation is blocked] dialog is displayed, go to Step 8).Otherwise, the installation is completed.

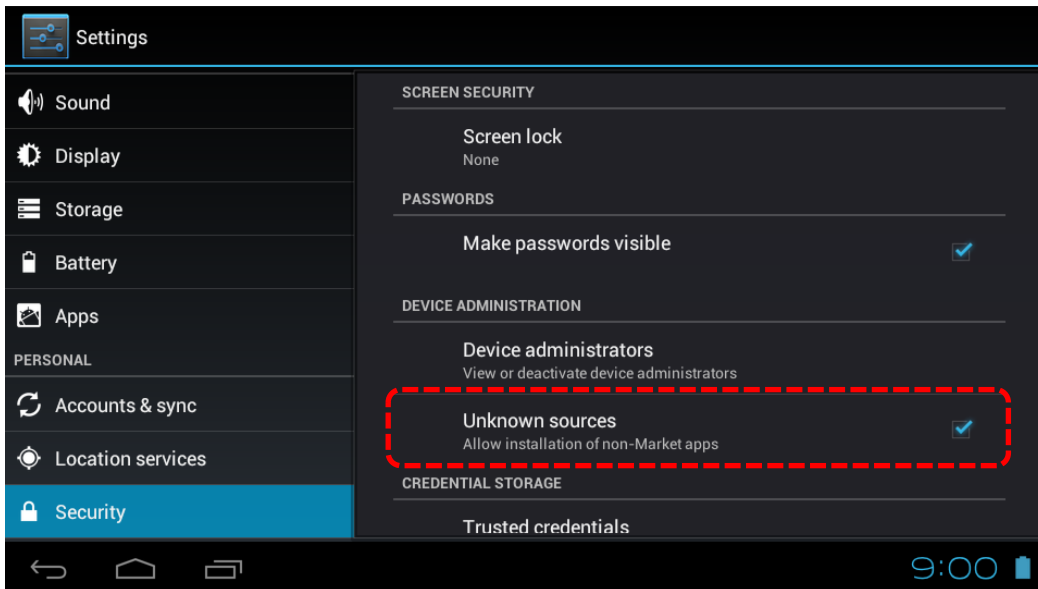
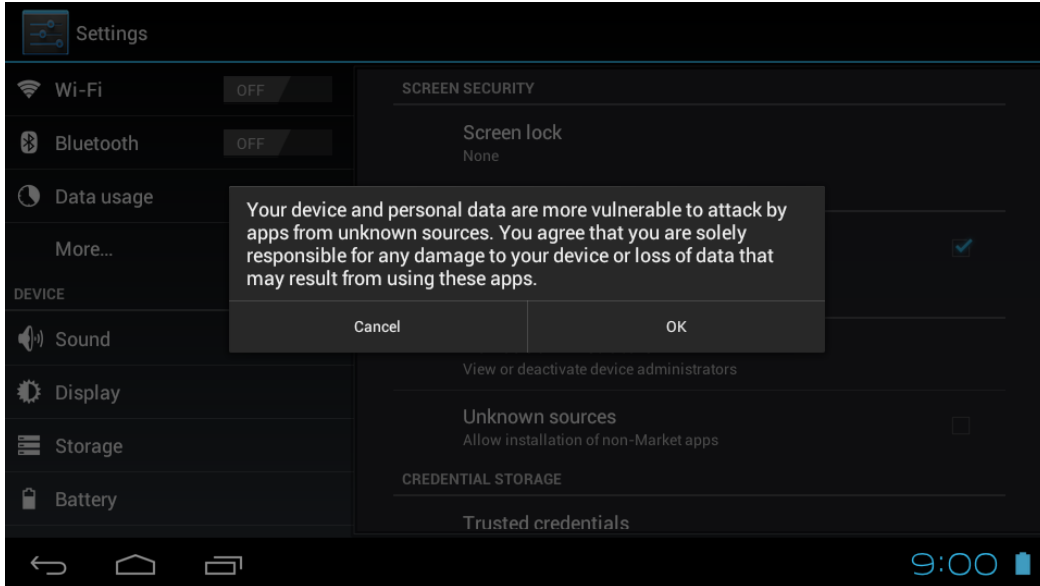


- 8) If [Installation is blocked] dialog is displayed, select [settings] button.



At [Security] section in [Settings], set check mark on [DEVICE ADMINISTRATION]→[Unknown sources (Allow installation of non-Market apps)]. At this time [The user agrees that he is solely responsible for the damage to the device or the data loss which may occur by using such apps] statement will appear. The user should use his own judgment to agree or not.

Please note that if the user cannot agree, apps cannot be installed.



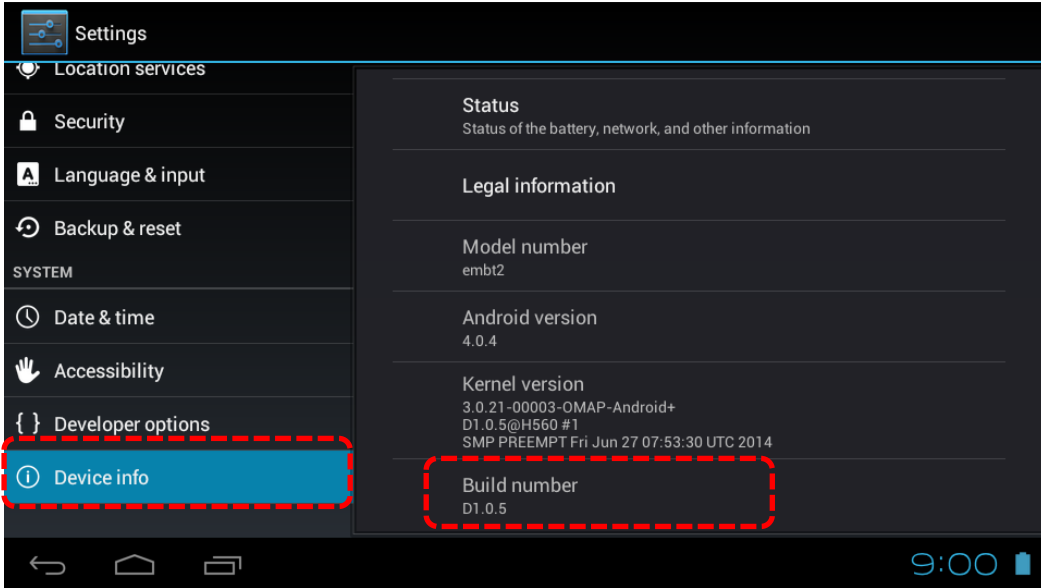
- 9) After enabling [Unknown sources (Allow installation of non-Market apps)], return back to SEViewer with [Back] Button. Redo step 6) and 7).

5. How to Check the System Software Version

Following procedure shows if your system software is for developer or not.

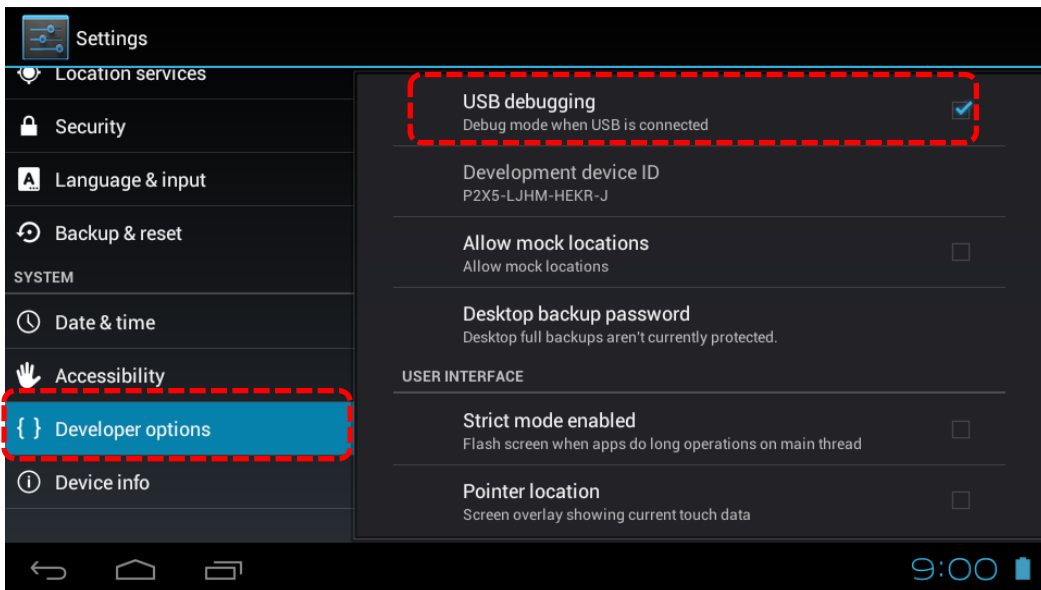
- 1) Confirm [Build number] at [Settings]→[Device Info]

If there is D at the beginning of the build number, the system software is for developer.
(for example D1.0.5)



- 2) Confirm [USB debugging] option at [Settings]→[Developer Options]

System software for consumer does not have this option.



6. Other Notes

For the method of connecting/recognizing PC and MOVERIO with adb, refer to the separately provided Setup Steps.

If the system software for consumer is modified to the system software for developer through MOVERIO Apps Market developer site, the pre-installed apps will change, as stated in Section 2. However, the apps the users installed, including the download from MOVERIO Apps Market, will not be changed.

This note does not guarantee the behavior of the system software for developer. Please note that the information in this document is subject to change without prior notice.

[Release History]

2014.03.27	D1.0.0	
2014.04.22	D1.0.2	Modified internal process in Miracast App
2014.05.24	D1.0.3	Expanded pre-installed App
2014.06.10	D1.0.4	Official public release for developer site
2014.06.30	D1.0.5	Fixed Wi-Fi Direct connecting issue for Japanese regional version
2014.09.30	D1.1.0	Fixed tethering issue for iPhone, and so on.
2015.02.24	D1.1.2	Fixed Bluetooth issue, Correct Invalid camera parameter, and so on.