

# **HMI User Guide**

## **CCS2 HMI Android Application**

### **Installation**

**Please completely read this document and the contained safety instructions and note all given information before usage.**

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This HMI user guide is intended to improve the operator's efficiency throughout the procedure and does not entirely absolve them of responsibility.

## Change Record


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## 1 Intended Use

This HMI user guide has a more specific focus on CCS2 HMI android-based application installation, which is more helpful to the user in getting an understanding of it.

<b>WARNING!</b>	<b>Risk caused by inappropriate use!</b>
	Any unconventional usage or operation of the product may have unintended repercussions. <ul style="list-style-type: none"><li>• Only use the product in a conventional manner.</li></ul>

### 1.1 Alteration and Restoration of the Product or System

To prevent risks and ensure optimal performance, no alterations, attachments, or restoration of the product are permitted without explicit authorisation of Bacancy Systems PVT LTD.

## 2 Installation

The user should follow these installation instructions, which are important to follow during the installation process. The installation procedure requires some tools and equipment, which are mentioned in the pre-requisite section.

- **Pre-requisite:**

No.	Tool / Equipment	Specification	Provider
1.	PC / Laptop	Windows 10/11 64-bit	Self
2.	microSD Card	32 GB	Self
3.	microSD Card Reader*	Support Up to 32GB	Self
4.	CCS2 HMI Android Application	.apk	Bacancy's Technical Team

\*If the PC or laptop supports microSD card port, the microSD card reader is not required.


- **Installation Procedure:**

- Step 1.** Check a pre-requisite list before the installation procedure.
- Step 2.** Turn ON the PC / Laptop and download the application (.apk) file in PC / Laptop from the email.
- Step 3.** Connect the microSD card to the PC or laptop and transfer (copy and paste) the application (.apk) file in it.
- Step 4.** Eject the microSD card from the PC or laptop safely.
- Step 5.** Insert a microSD card in CCS2's HMI and open the file application in HMI.
- Step 6.** The user can directly install the application (.apk) from the microSD card, or the user could transfer (copy and paste) the application file to internal storage.
- Step 7.** Open the application, press the install button, and wait for a few seconds.
- Step 8.** Remove the microSD card from the CCS2's HMI.
- Step 9.** After successfully installing the application, the user can access it from the HMI application menu.
- Step 10.** Now, the user can perform the operation from the HMI screen.


## 3 Appendix


### 3.1 Abbreviations and Glossary

<i>.apk</i>	<i>APK stands for Android Application Package and is one of the most repeated terms in any app project. It is an executable file that contains all the data needed to install and run an Android App. And it is unique for each one of them.</i>
<i>CCS2</i>	<i>The Combined Charging System (CCS) is a standard for charging electric vehicles.</i>
<i>HMI</i>	<i>Human Machine Interface.</i>
<i>microSD Card</i>	<i>microSD is a type of removable flash memory card used for storing information. SD is an abbreviation of Secure Digital, and microSD cards are sometimes referred to as <math>\mu</math>SD, uSD, or mSD. The cards are used in mobile phones, cameras, handheld game systems, and other mobile devices.</i>

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