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TEMI PLATFORM



V0.2 2022/08/19

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In the Package

- Home Base Cable
- Ground Camera
- Ground Camera Cable
- Home Base
- The Platform



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Ground Camera Assembly



Make sure this one is leaving outside.



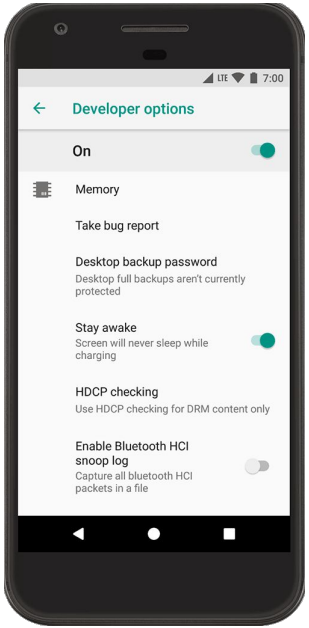


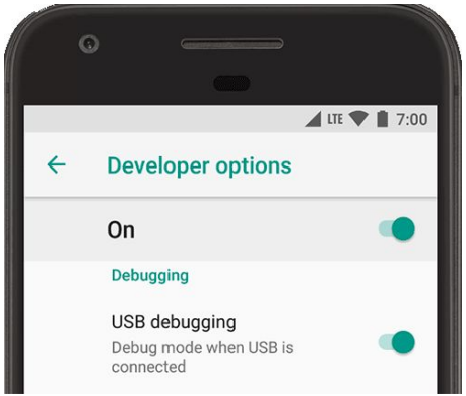


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Tablet Setup

1. Recommended tablet: Samsung Galaxy Tab A8 10.5
2. Install Temi Launcher(Get the apk from our support)
3. Grant all permissions for temi launcher in Android native settings.(*this will be done automatically in new launcher version*)
   - *Do you know you can use "adb install -g" to grant all runtime permissions upon app install?*
4. Make sure Android usb debug is set to ON.
   - *https://developer.android.com/studio/debug/dev-options#enable*

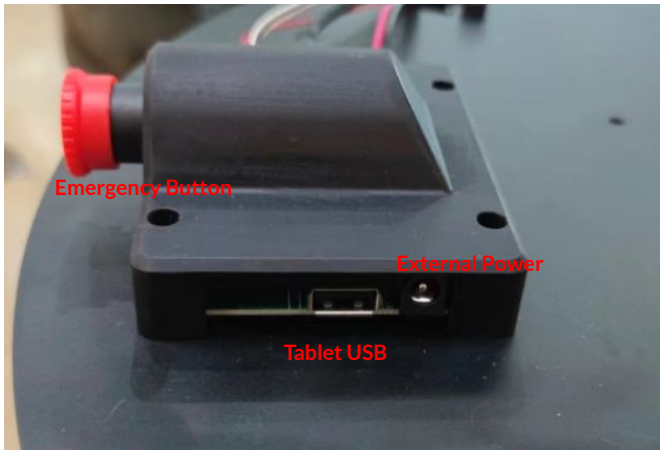




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First Time Power up

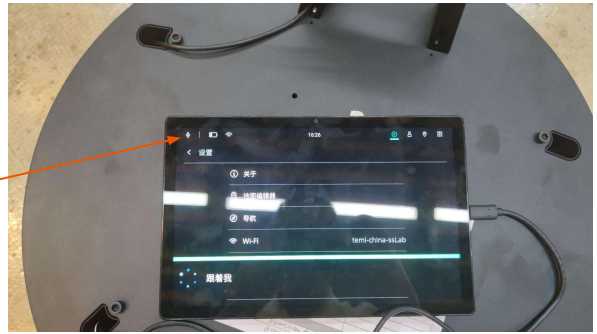
1. For the first time boot up, put platform on HB, to **activate the battery**
2. Power up the platform with tablet connected.
3. Launch Temi launcher in tablet.
4. Activation like in Temi
5. After launcher is up, you are able to start using the platform.



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Mapping

1. Follow
    a. On temi launcher, click on the top left corner to trigger voice interaction, then use ‘follow me’ command to start a follow session
    b. Goto Temi technician tools, put ‘bewith’ in ‘custom commands’ to start follow
2. Joystick
    a. Connect a **usb hub** to tablet usb port
    b. Connect tablet and joystick dongle to usb hub
    c. Restart the platform and connect joystick with pairing.
    d. Press ‘**B**’ button on controller and navigation buttons to run the platform
3. Temi Center Remote mapping



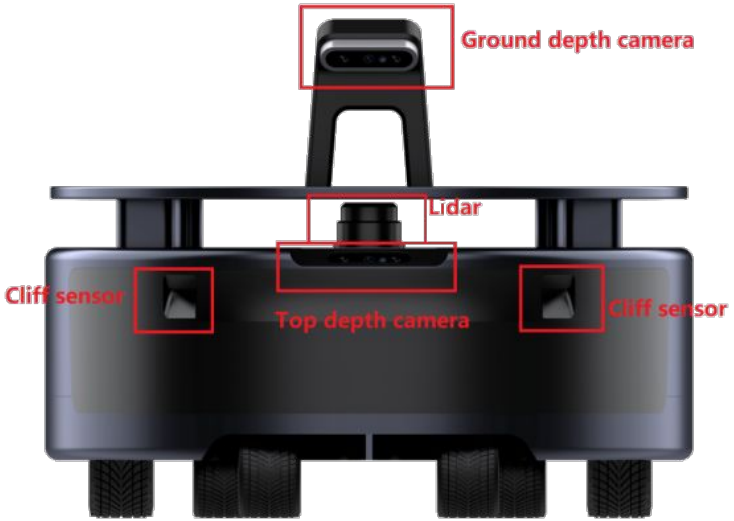


Press to activate navigation

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Sensors

If you want to relocate the ground camera according to the top mechanics design, consult with our team before doing it.



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SW Tools

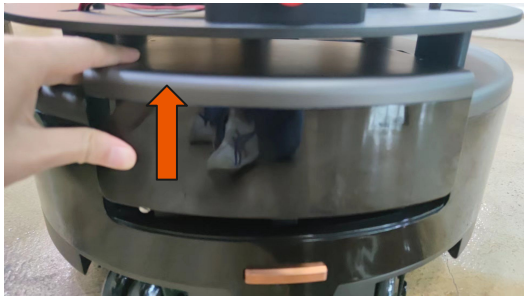
Same as Temi

- SDK: https://github.com/robotemi/sdk
- TEMI Center: https://center.robotemi.com/

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Removable Battery

- **Lift** the battery cover and then **pull** it out to access the battery.
- Press the battery holder to take battery out
- Contact support if you need line charger







Line charger port

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SPEC.1

Weight	Self weight	kg	25
	Total (with payload)		**55**
Mechanical	System outer diameter	cm	50
	Interface plate height		25
	Height (with low profile ground-cam)		39
	Lidar height (emitter)		23.8
	Hub wheel diameter	mm	150
	Castor wheel diameter		75

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SPEC.2

Floor-Conditions	Max Step climbing	cm	1.2
	Max Slope angle	X°	8°
	Max gap crossing	cm	<4
Movement	Max Linear speed	m/sec	1
	Spin Radius	cm	0
	Location accuracy	cm	10
Sensing	Height obstacle detection range	cm	12-150
	Ground obstacle detection range		5-120
	Minimum ground obs height		2
	Minimum Cliff detection height		2
	Lidar range	m	35

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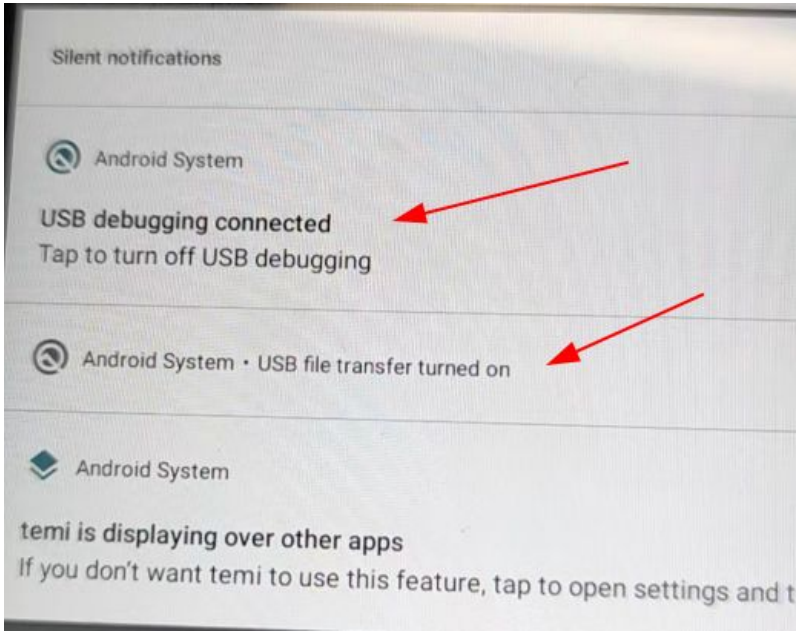
SPEC.3

Hw interface	Connectivity to MB(Android Tablet)		USB, 5V 2A
	Power supply		12V 2A
Battery	Working time - Normal usage	Hrs	8
	Working time - heavy usage		3.5
	Standby		18
	Charging 0-100% powered ON		5
	Charging 0-100% powered OFF		4
	Cell type		Li-Ion
	Output range	V	19.6-28.7
	Capacity	W	500
	Charging voltage	V	29.4

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Common Issues

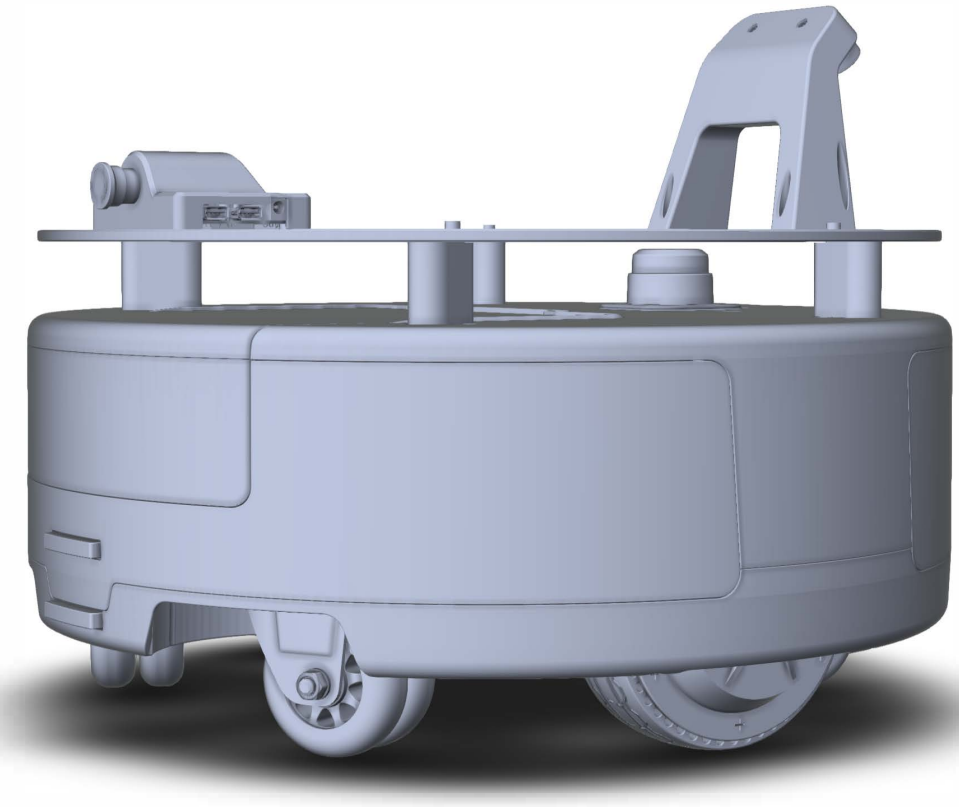
1. Tablet connection
   - Make sure tablet is connected well, you should see a popup in Android notification bar.
2. Robot not moving
   - Make sure ‘Emergency button’ is released



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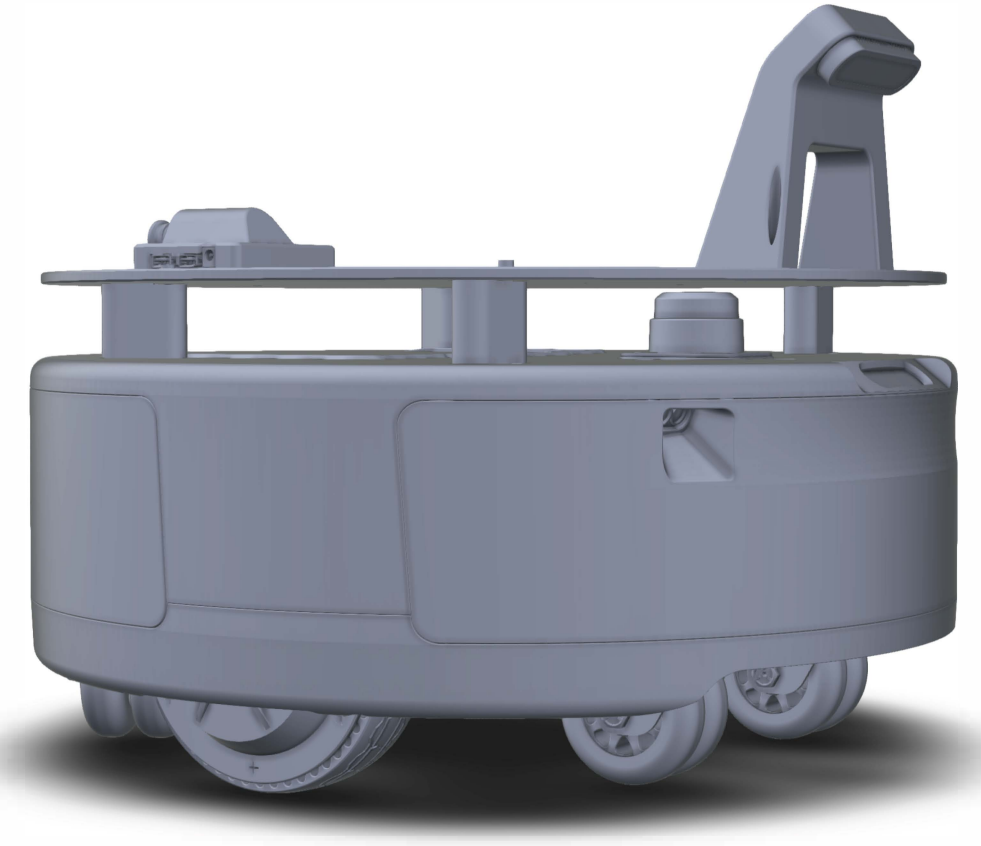
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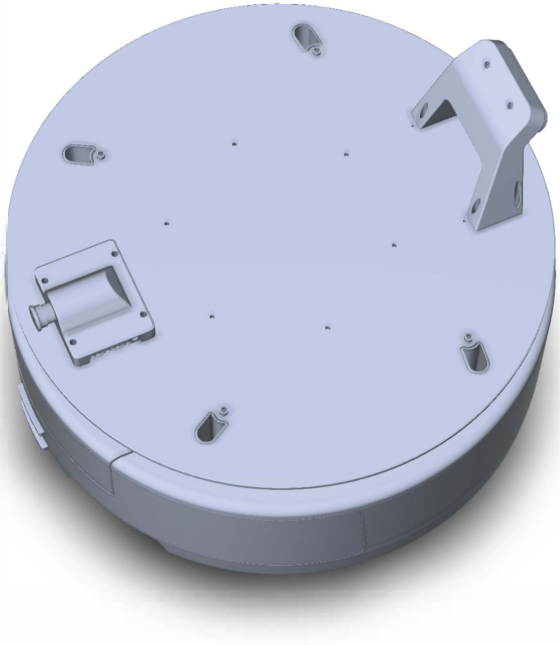
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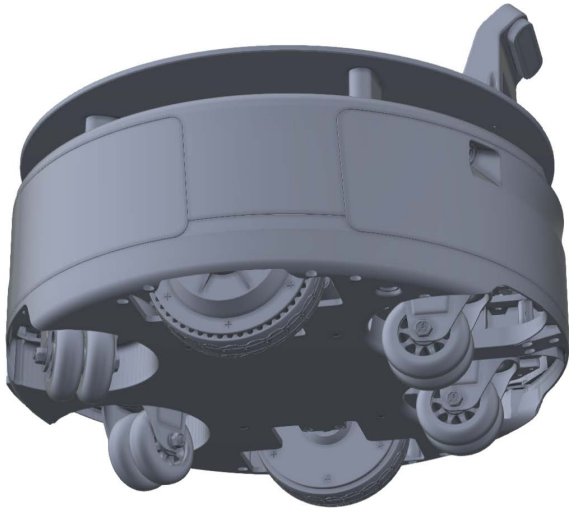
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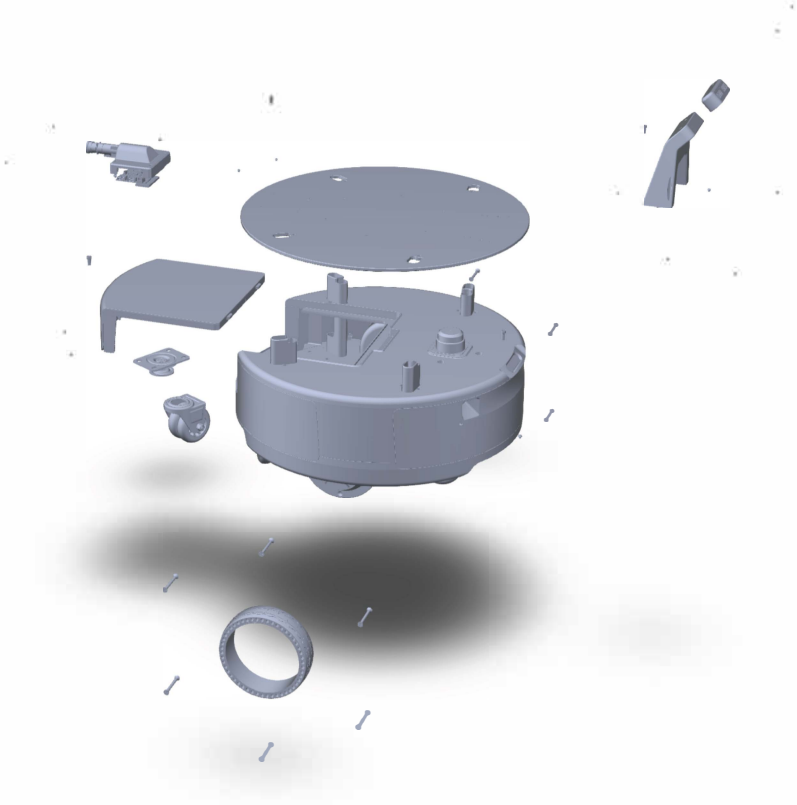
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