MiniSmart 2
Operation Guide V1.0

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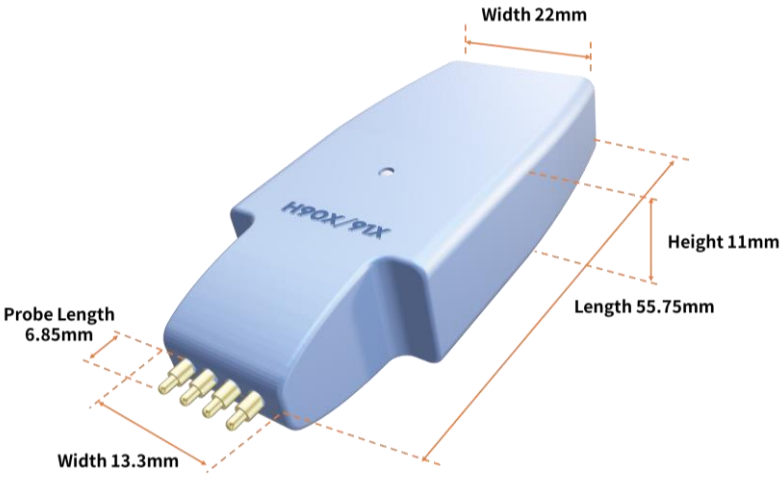
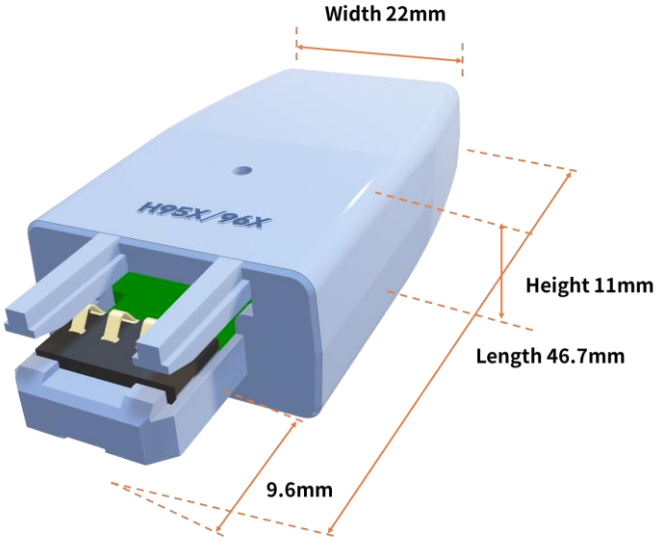
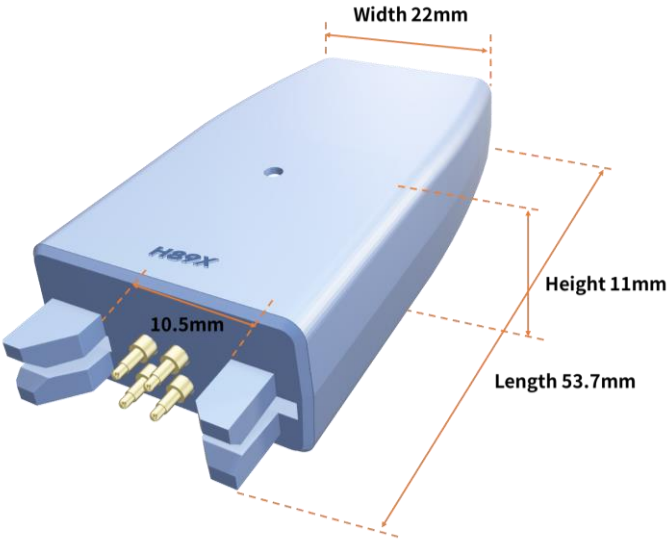
Customer Service Contact

https://www.servicelsm.com

1. Product Specifications



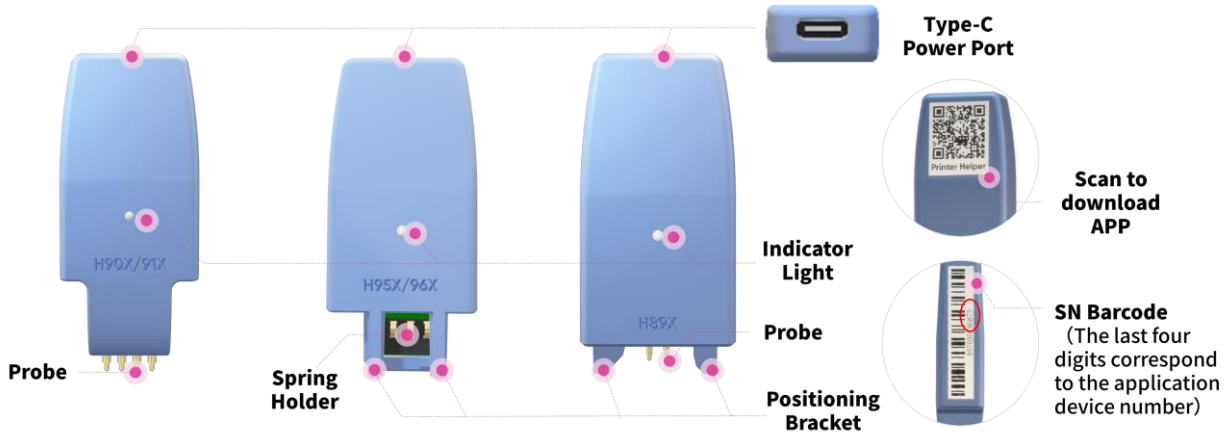




Specifications		Packing List	
Transmission	USB 2.0 (Type-C) Wireless Communication BT 5.2	Unismart Mini 2 Device	1
		Power Cable (Type-C)	1
Power Interface	Type-C	CPE Packaging Bag	1
Power	DC5V/ 100mA, 0.5W	User Manual (Scan the QR code for the PDF version)	/
Temperature	-20℃—55℃		
Dimensions & Weight	HP 90/91/97 Series: 56(L) x 22(W) x 11(H) mm; Weight: 8g HP 95/96 Series: 47(L) x 22(W) x 11(H) mm; Weight: 7g HP 289 Series: 54(L) x 22(W) x 11(H) mm; Weight: 9g		

2. Overview

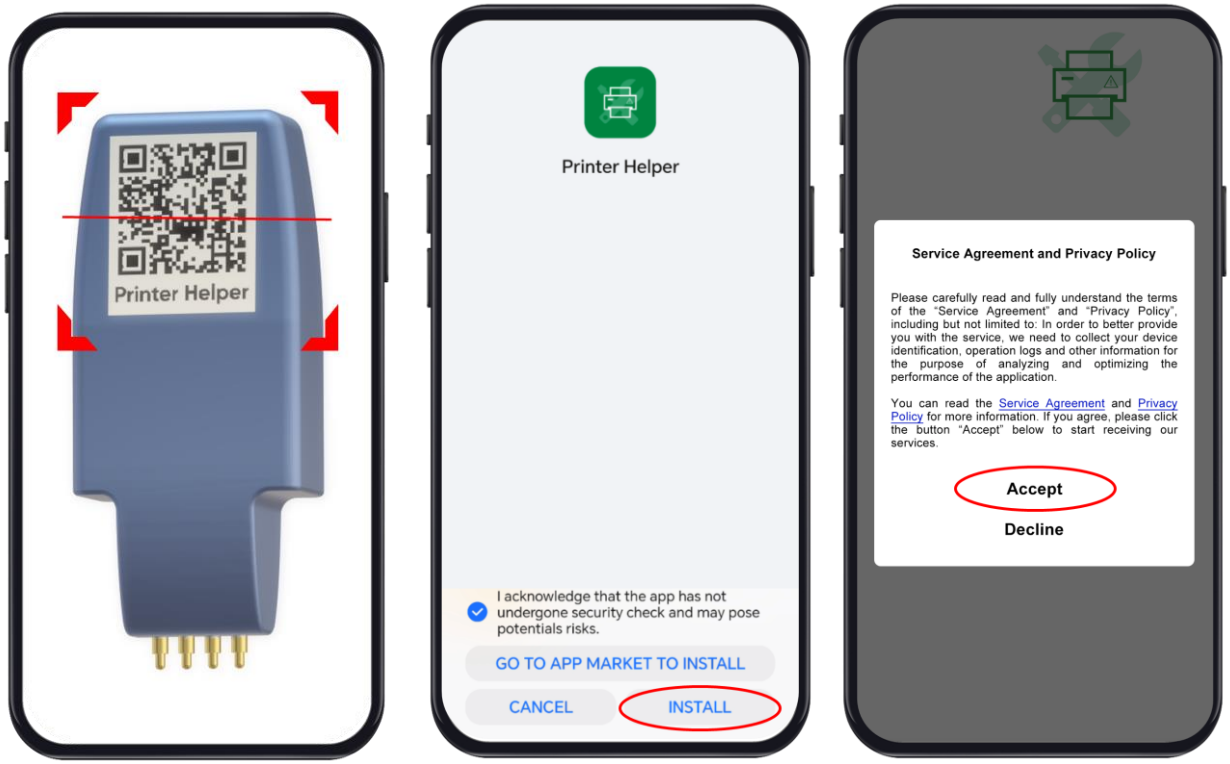
2.1 Device Components



2.2 APP Installation & Connection

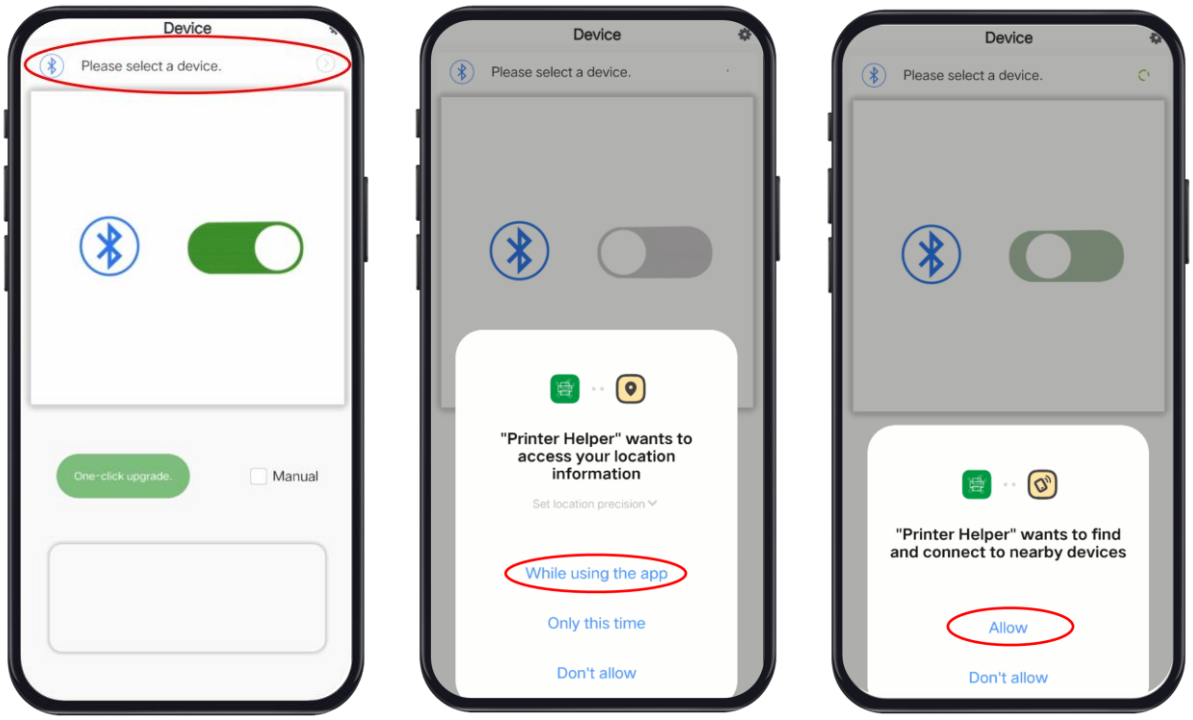
①Scan the QR code on the back of Unismart Mini 2 with your phone to download the appropriate app for your device.

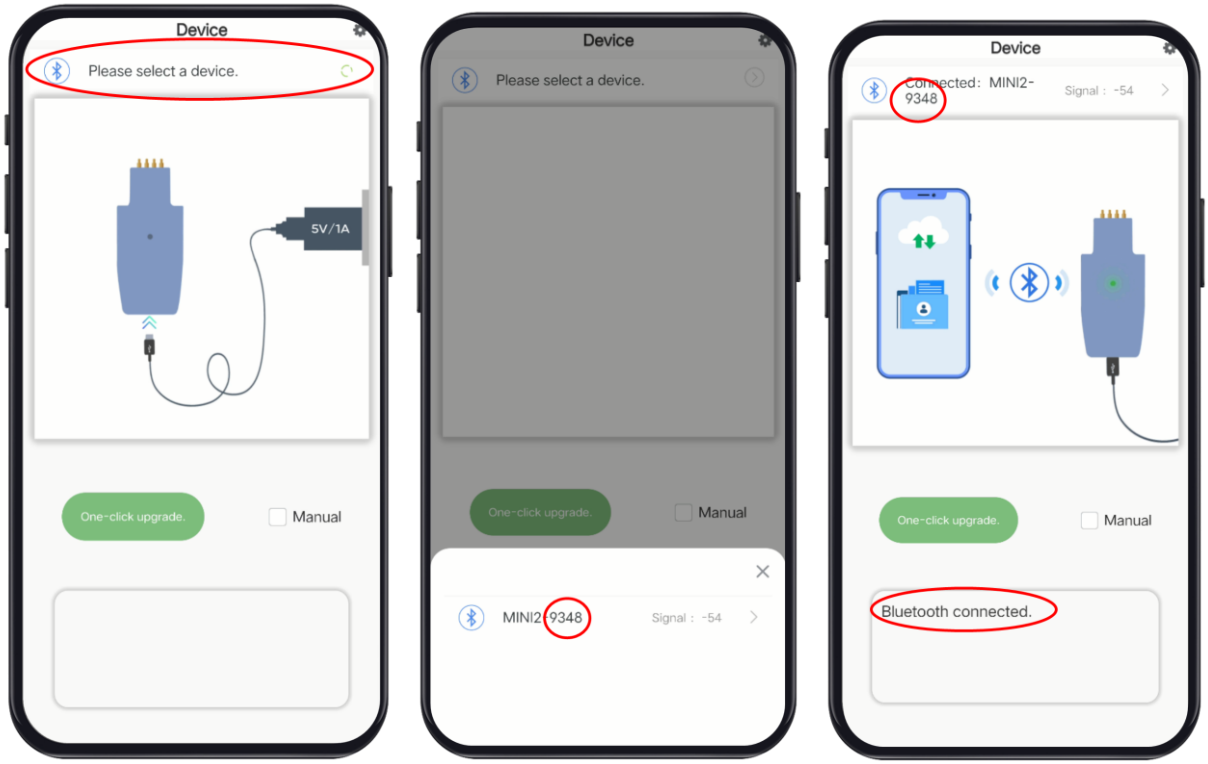
②Install the app following the on-screen instructions. Open the app, agree to the Service Agreement and Privacy Policy, and proceed to the homepage.



③Enable wireless connection function BT on your phone, power on Unismart Mini 2, and click "Please select a device" in the APP.

④Set the permissions for location and accessing nearby device information according to the APP prompts, connect to the Mini device ID, and confirm the connection when the green light remains on.





2.3 One-Click Rework Process (Chip Alignment Diagrams)

H90X/91X

Align the indicator with the four contact points.

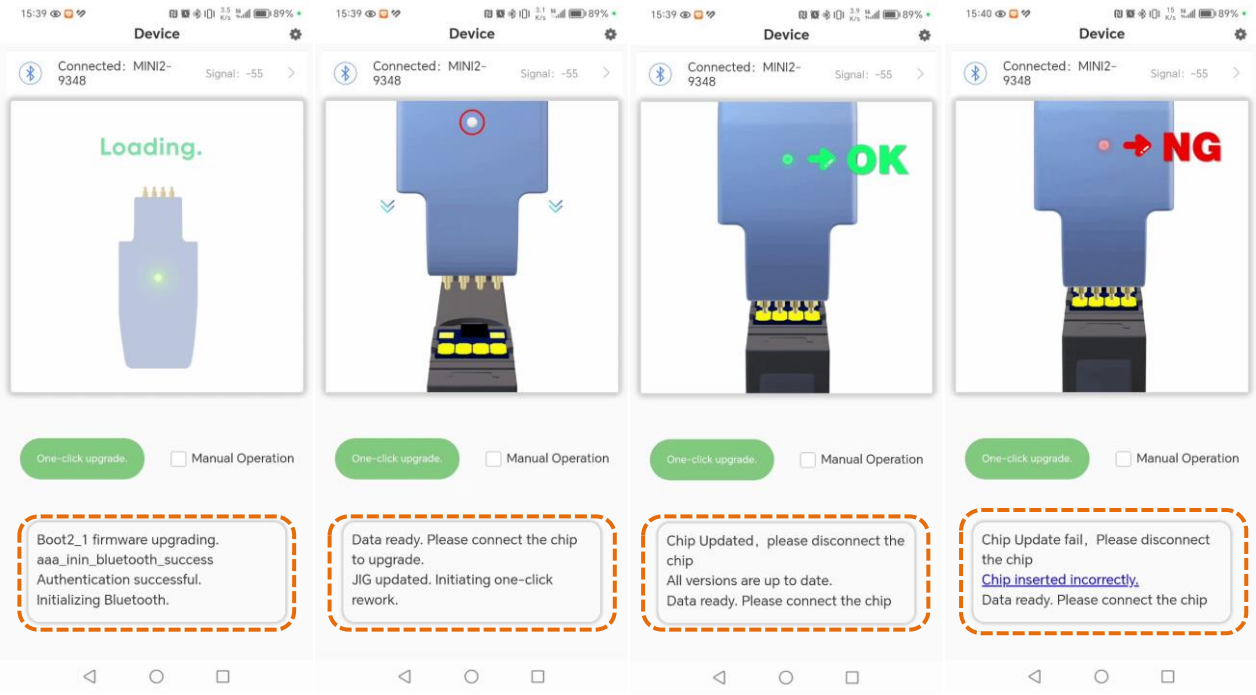
H95X/96X

Ensure the 95x and 96x chips' contact points connect securely with the spring holder.

H89X

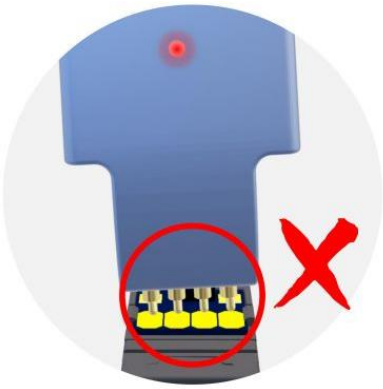
Position the indicator and the wide positioning bracket to the left of the chip's two small contact points.

①After connecting Unismart Mini 2 to the app, align the probe or spring holder according to the diagrams, ensuring full contact between the probe or spring contact and the chip's contact points.
②Follow the app's animation prompts and maintain contact until the upgrade is complete.
③Upgrade results: A continuously **green** light indicates success; a continuously **red** light indicates failure.

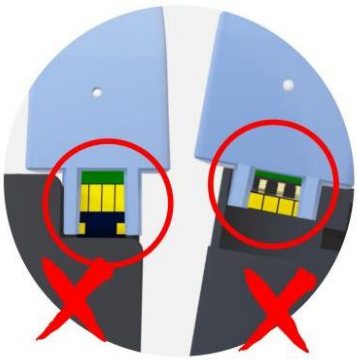


✧ Alignment Error Diagrams

Please make sure that the side with the light is in contact with the chip.

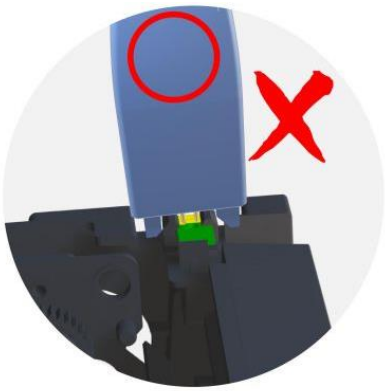


Please confirm whether the contact is poor.

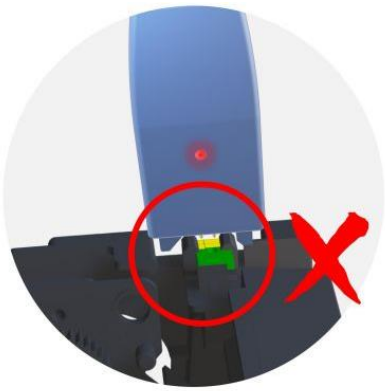


Please make sure that the device is correctly installed and that the shrapnel is in contact with the chip.

Please make sure that the shrapnel is not damaged or stuck and that the shrapnel is in contact with the chip.



Please make sure that the side with the light is in contact with the chip.



Please confirm whether the contact is poor.

3. Usage Precautions

- Firmware upgrades may vary in content and method. We will notify customers with specific details for each upgrade. Please follow our instructions carefully to ensure correct usage.
- This product is designed for upgrading chips that are not recognized after a firmware upgrade. It is not intended for upgrading recognized stock chips. Use the product as directed to ensure successful rework.
- Do not disassemble the product, as this may cause damage and void usability. Avoid exposing the device to liquids during use.

4. After-Sales Service

- For any issues encountered while using the product, please visit www.serviceism.com and

register your contact information under Technical Support -> Help Center.

5. Disclaimer

- Operate and use this product according to the guidelines in this manual. Improper use may result in malfunction or damage. We are not responsible for any loss or damage caused by incorrect usage.
- The product undergoes strict testing and quality control before shipment. If you encounter any quality issues, discontinue use immediately and contact after-sales support. We are not liable for damage resulting from unauthorized disassembly or modification.
- Follow all safety and operational guidelines when using this product. We are not responsible for any personal injury or property damage resulting from product use.
- This disclaimer does not affect your legal rights as a consumer. Any disputes will be governed by the courts in the jurisdiction where the product was purchased.
- We reserve the right of final interpretation for this product. If you have any questions regarding these terms, please contact us before use.

Appendix I: Product List

Product Name	Applicable Series
Mini2-H90/91/97- Finished Product	902/903/904/905/910/912/915/972/913/973/974/975/976Y
Mini2-H95/96 - Finished Product	952/953/954/955/962/963/964/965
Mini2-H89X- Finished Product	CF258/CF259/CF276/W2020/W2030/W2040/W2110/W2210 W2310/W2410/W1340/W1350/W1360/W1380/W1390/W1450 W1480/W1490/W1510

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.