

K18 Smart Badge Scanner

User Manual



HYCO
IoT Innovator

www.hycoglobal.com

Disclaimer

Disclaimer ©2018 Shanghai Hyco Genyong Technology Co., Ltd. All rights reserved.

Please read through the manual carefully before using the product and operate it according to the manual. It is advised that you should keep this manual for future reference.

Do not disassemble the device or remove the seal label from the device. Otherwise, Shanghai Hyco Genyong Technology Co., Ltd. does not assume responsibility for the warranty or replacement.

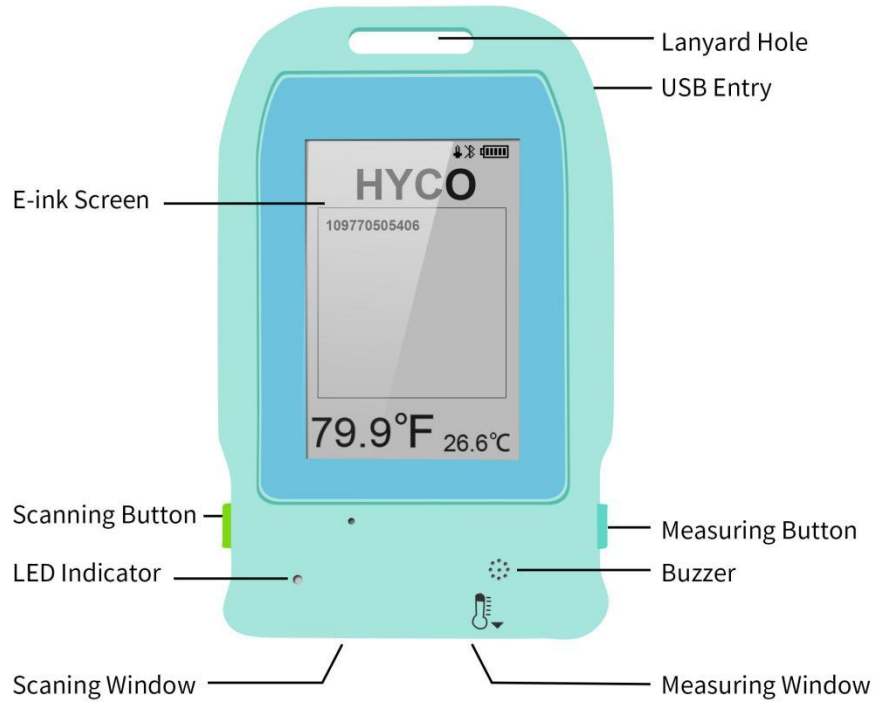
All pictures in this manual are for reference only and actual product may differ. Regarding to the product modification and update, Shanghai Hyco Genyong Technology Co., Ltd. reserves the right to make changes to any software or product to improve reliability, function, or design at any time without notice. Besides, the information contained herein is subject to change without prior notice.

The products depicted in this manual may include software copyrighted by Shanghai Hyco Genyong Technology Co., Ltd. or a third party. The user, corporation or individual, shall not duplicate, in whole or in part, distribute, modify, decompile, disassemble, decode, reverse engineer, rent, transfer or sublicense such software without prior written consent from the copyright holders.

This manual is copyrighted. No part of this publication may be reproduced or used in any form without written permission from Hyco.

Please visit www.hycoglobal.com or check the latest version of the specification sheet for the latest product information

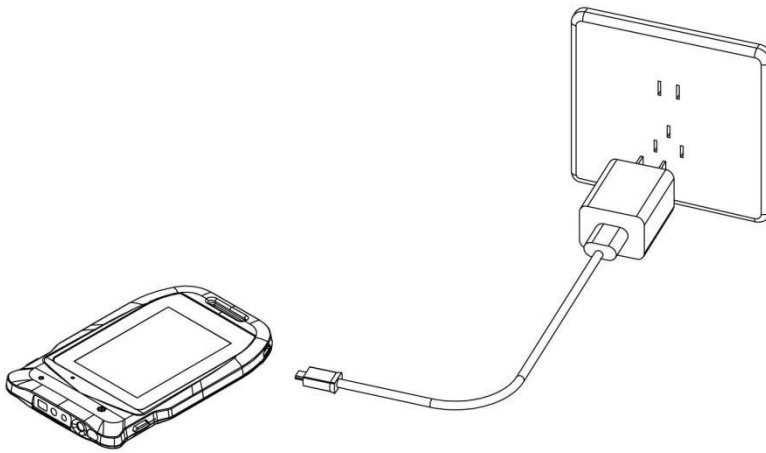
1. Design



- Rays: Direct rays
- Wearing: Hanging around the neck with a lanyard, or wearing on the pocket with a buckle.
- Thermometry: Click the button on the left side of the scanner.
- Scanning: Click the button on the right side of the scanner.

2. Charging

Fast charging K18 Smart Badge Scanner according to the following picture and texts.



- Confirm two ends of the USB cable. Connect the small end with the USB interface of Badge Scanner and connect the other end with a power adapter;
- Plug the connected adapter into the mains socket;
- The indicator light of Badge Scanner turns red and keeps on, and the battery icon on the screen turns to USB cable icon, which indicates charging status of the scanner;
- The battery icon on the screen turns to USB cable icon, and the indicator light of Badge Scanner turns green and keeps on, which indicates that the charging is completed.

★Do not look at the scanning window during charging process or the red light from the scanner will hurt eyes directly.

3. Wearing

- Wearing Method (1): Put the buckle of a removable lanyard through the lanyard hole of Badge Scanner, and press the buckle so that the buckle is locked and the scanner can be worn around the neck.



Wearing Method (1)

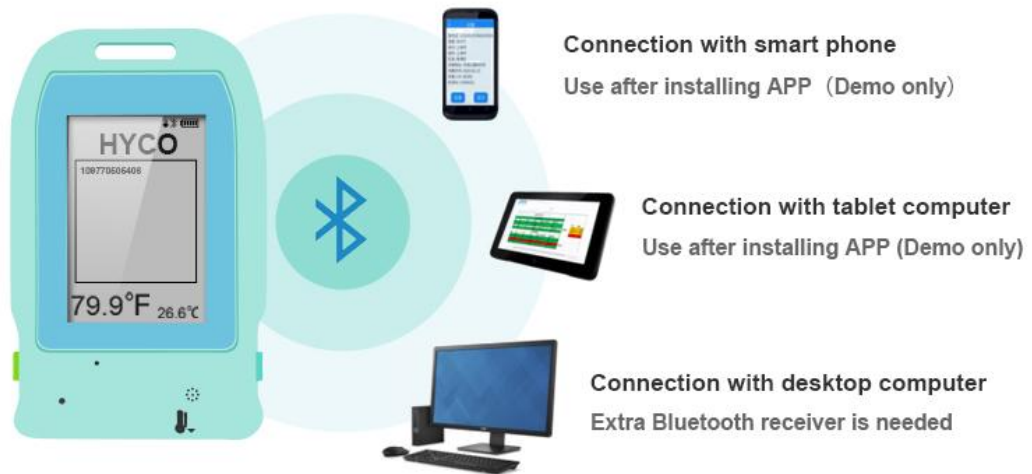
- Wearing Method (2): Take off the lanyard in the method (1) and wear Badge Scanner on the outside of the chest pocket with the sheet metal.



Wearing Method (2)

4. Instruction

4.1 Install the program and start Bluetooth connection.



4.2 Collect information








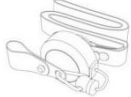

Scan ID/Passport

4.3 Temperature measuring



5. Packing List

Name	Qty	Usage
 Smart Badge Scanner	x 1	Scanning bar/QR code and collecting information
 Power Adapter	x 1	Charging Smart Badge Scanner
 数据线	x 1	Connecting with power adapter to charge or connecting with other devices
 Manual	x 1	Instructions of the product

 Certification	x 1	Product Quality Certification
 Removable Lanyard	x 1	For wearing Smart Badge Scanner
 Bluetooth Receiver	x1	For computer usage (this part needs to be purchased separately)

6. Specifications

Model	K18
Weight	70g±2g (without lanyard)
Dimensions (W*D*H)	111.3mm*70.3mm*8.6mm
Scanner	HYCO CMOS-Sensor Scanner
Resolution	1280x800 pixels
Code Reading	Barcodes/2D codes
Scanning Distance	Long, general or macro type
Lanyard	1 piece
LED Indicator	RGB LED (programmable)
USB	USB2.0
Vibration Indicator	Supported
Buzzer	Supported
Bluetooth	BT4.2 BLE

Battery	360mAh@3.7V
Charging Time	2.5 hours
Battery Life	8 hours (when fully charged with 15-20cm depth of field and vibration on, and scanning once every 5 seconds)
Scanning Keys	Mechanical keys
IP Level	IP54
Thermometry Precision	±0.18°F (±0.1°C)
Thermometry Speed	0.1s
Thermometry Range	(-4°F to 176°F / -20°C to 80°C)
Thermometry Distance	<3cm
Display	2.7-inch e-ink screen with 264*176 resolution
RFID Card Reader	ID card/passport accessible (ISO1443A/B)
Wearing	With removable lanyard
Operating Temperature	(14°F to 122°F / -10°C to 50°C)
Humidity	0%-95%RH (non condensing)

* Technical specifications of this product will change without further notice.

7. FAQ

7.1 How to change different wearing?

Smart Badge Scanner can be worn around neck or on the outside of the chest pocket according to different scenarios. To switch between different wearing ways, just attach or take off the removable lanyard.

7.2 Different light indicator and status

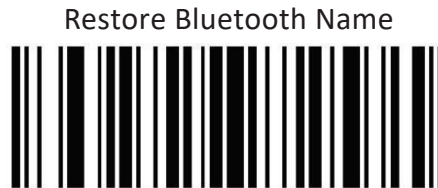
- A flash of green light: successful scanning
- Double flash of red light while touching: low battery
- Light turns up to green for 1 second and then goes out: successful Bluetooth connection
- Light turns up to blue for 1 second and then goes out: Bluetooth

disconnection

- Light turns up to red, green and blue in turn: reset
- Double flash of yellow light: identifying bar code

7.3 Abnormal Bluetooth connection?

★If the green light (which indicates successful Bluetooth connection) does not turn up after normal operation, scan barcode “Restore Bluetooth Name” and let stand for 10 seconds and connect again after that.



★Scan bar code “Factory Reset” and Smart Badge Scanner will disconnect with terminal devices. All functions have been set (e.g. scanning ways, Bluetooth names and vibration) will be reset to factory settings.



8. Attention

1. Do not stare into scanning window;
2. Please scan in proper range of DOF;
3. Do not knock on or beat the product in order to avoid damage;
4. Please keep the balance of internal and external temperature of working environment;
5. Scan at an angle while reading bar code for higher reading efficiency;
6. Do not expose the product to rain or water in order to avoid damage;
7. Do not use the product in high humidity environment.

9. Repair Service

1. 1-year warranty for K18 Smart Badge Scanner; (Free repair within 1 year except for human factors)
2. Repair service hotline: +86 15201965826

10. Maintenance

- » Keep scanning window clean;
- » Do not scratch scanning window with hard and rough materials;
- » Please clean scanning window with soft cloth (e.g. eyeglass cloth);
- » Do not spray any liquid to scanning window;
- » The supplier is exempt from warranty liability for damage caused by improper maintenance.

HYCO Technology

Website: www.hycoglobal.com

Email: global_sales@hycoiot.com

Phone Number: +86 15201965826