

CODESOFT

BC-W2B/W2R Series Wireless 2D Imager Barcode scanner Programming Quick Guide

V1.0.0765

Dear Customers, thank you for choosing our products. We will serve you with high-quality products, in order to ensure that you use this product better, please read this manual carefully before use!

Features:

1. Using CMOS camera module, it can able to read 1D and 2D barcode on paper or on screen more efficiency
2. Under inventory function, the scanned data can be kept in the scanner memory and transfer back to PC (please refer to " Wireless Function Setting")
3. Easy way to do pairing scanner only scan the "Pairing" barcode
4. Dual Frequency mode (in Open space area)
 - Bluetooth Mode : 0 to 20 Meters
 - 2.4G Mode : 0 to 80 Meters

General settings



Factory reset



Firmware version



Displays the battery level



Hibernate shutdown

Common ending character settings



** CR



CR+LF



Tab



No terminator

Reading mode settings



** Manual reading mode



Auto-Scanning mode



Continuous mode

Wireless function settings



** Normal mode



Inventory mode



Data Protection mode



Total number of data



Data uploads



Clear data

Description :

1. Normal mode: Scan the barcode to enter the normal mode, in which the scanning results will be uploaded to the computer in real time (Default mode).
2. Inventory mode: scan the barcode to enter the inventory mode, in which the scanning results will be stored in the internal memory (512KB, when the

internal memory is saved, the buzzer will "beep" as a prompt).

3. Data Protection mode: scan the barcode to enter the data no loss mode, in this mode, when there is a signal, the scan results will be uploaded to the computer in time; When the signal is weak or there is no signal, the scan results are stored in the internal memory, and the stored data is automatically uploaded to the computer when there is a signal.
4. Data upload: Scan the barcode to upload the data stored in the internal memory to the computer in turn (applicable in inventory mode and data protection mode, please ensure that the wireless signal is normal when uploading data, the buzzer will "tick" 2 times if the data is successfully uploaded, and the buzzer will "tick" 3 times if the data upload fails).
5. Display the total number of scans: Scanning the barcode will display the total number of stored data (applicable to inventory mode).
6. Clear data: Scanning the barcode will erase all the data in the internal memory.

One-click pairing function



pairing

Scan the setting code above, wait for the scanner to sound "Di", "Di" and "Di", and then plug the receiver into the USB port of the computer (Note: After successful pairing, the scanner "Di", "Di" and "Di" sound disappear, and the whole step will be completed within 30 seconds).

Sleep time setting

Note: Scan the sleep time SET first, and then scan the time you want to set



Sleep time SET



30 seconds



**60 seconds



2 minutes



5 minutes



Unlimited

Language settings



** United States



Thai



Universal keyboard



Russia



Belgium



Brazil



Canada



Croatia



Czech Republic



Slovakia



Denmark



Finland



France



Germany



Hungary



Italy



Latin America



Netherlands



Norway



Poland



Portugal



Serbia



Slovenia



Spain



Sweden



Switzerland -
French



Switzerland -
German



United Kingdom



Turkey-F



Turkey-Q



Japanese



Romanian



Greece



Hebrew

Inverted color code switch



Inverted color recognition is turned on



Inverted color recognition is turned off

Communication mode settings



**USB HID Mode



Virtual serial port mode

Tone settings



**Turn on the prompt sound



Turn off the tone

Output encoding format

The user can set the output format of the reading module through the following setting code, so that the host can output Chinese data according to the specified encoding format.

Note: GBK format is used for Notepad, and UNICODE format is used for Word and commonly used chat tool input boxes.



** UTF-8



Unicode



GBK

Troubleshooting

No.	issue	Possible causes	solution
1	Press the power on button, but the scanner light is not ON	The scanner is not powered on	Please check whether the scanner is low on battery and connect it to the console with a data cable to see if there is any response
2	There scanner light on, but the barcode cannot be read	This type of barcode symbology is not enabled	Turn on the symbology by reading the setup code
		The barcode is damaged	Try scanning a different barcode with the same barcode type
		The distance between the scanner and the barcode is not appropriate	Move the barcode scanner closer or farther away from the barcode
		The scanner light source is not completely cover the barcode	Align the barcode and read it
3	The scanned data is displayed incorrectly on the console	The input method is incorrect	Convert the input method to a standard English input method
		Additional settings have been made to the scanner	Restore the scanner's parameters to factory settings, or contact the manufacturer's after-sales service center
4	Barcode characters are garbled or incorrect	The keyboard country setting of the barcode scanner does not match the country where the keyboard is used	Set the country of the barcode scanner keyboard to match the country where the keyboard is used
5	Otherwise, it cannot be decoded	The device was transferred incorrectly	Turn off the power of the device, connect the device and the scanner correctly, turn on the power of the device, restore the parameters of the scanner to the factory setting state and scan the code again