



EASYCONNECT

Software

Version: V1.0.5

User Guide

Disclaimer

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

Do not disassemble the device or remove the seal label from the device; doing so will void the product warranty provided by Newland Europe BV.

All pictures in this manual are for reference only, and the actual product may differ.

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Risk Warning Regarding Unauthorized System Updates:

You should use the Newland-provided tool to update this product's system. Modifying system files by installing a third-party ROM system or using any cracking method may result in product malfunction or data loss and void your warranty.

Newland Europe BV reserves the right to make a final interpretation of the statement above.

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Revision History

Version	Description	Date
V1.0.0	Initial release.	Jan 19, 2021
V1.0.1	Updated the support firmware version of HR1580-BT and HR5280-BT	Jun 22, 2021
V1.0.2	Updated the support product list	July 4 th , 2022
V1.0.3	Added Auto Switch and Q&A	Jan 5 th , 2023
V1.0.4	Add iOS and Windows description	Mar 3 rd , 2023
V1.0.5	Add HR23-BT and HR33-BT	Nov 7 th , 2025

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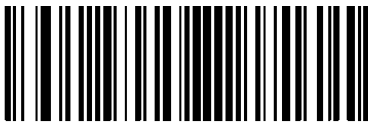
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About EasyConnect

EasyConnect is a connection application developed by Newland Auto-ID Technology Co., Ltd. It can be directly installed on mobile phones, PDAs and other Android mobile devices. The bluetooth scanners can be directly connected to the mobile device by using this application and transmit the data to the Android devices in real time.

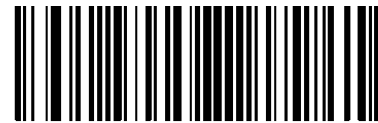
How to Use EasyConnect (Windows)

1. Download [EasyConnect Windows](#)
2. If there is an error message during the installation process, you can install UFCOM and VCR2015 in the installation directory first and try to install EasyConnect again
3. Before pairing. Insert the Bluetooth Dongle into the host and make sure the scanner is under Bluetooth Dongle Mode



@SETUPE1

Enter Setup



@SETUPE0

Exit Setup



@INTERF17

Bluetooth Dongle CDC Mode



@INTERF19

Bluetooth Dongle KBW Mode



@INTERF18

Bluetooth Dongle HID POS Mode

4. Scan the pairing barcode in Easyconnect landing page (for 1D scanner, turn off the 2D barcodes, the pairing barcodes will change to 1D barcode. You can adjust 1D pairing barcode accordingly), wait for 5-15s. Blue LED on the scanner is on with beeps and vibration indicates pairing completed



5. AutoRenew On: Once the dongle insert, the pairing barcode will be shown automatically
AutoRenew Off: click manual renew on the bottom right corner to show the pairing barcode when the dongle inserts.



Supported Operating System of Host

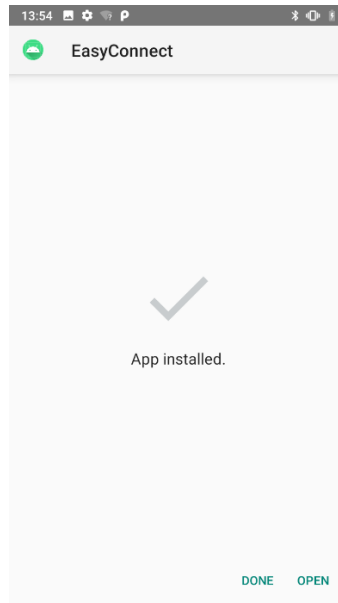
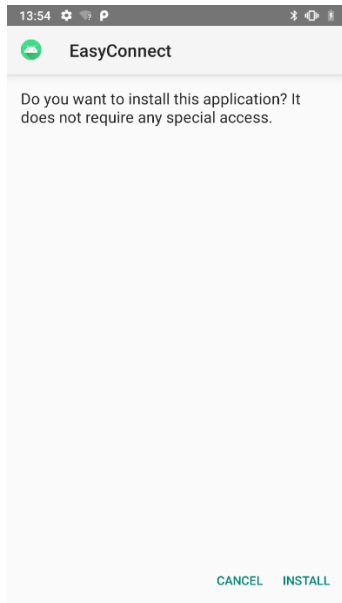
Windows XP or later is required

Supported Products

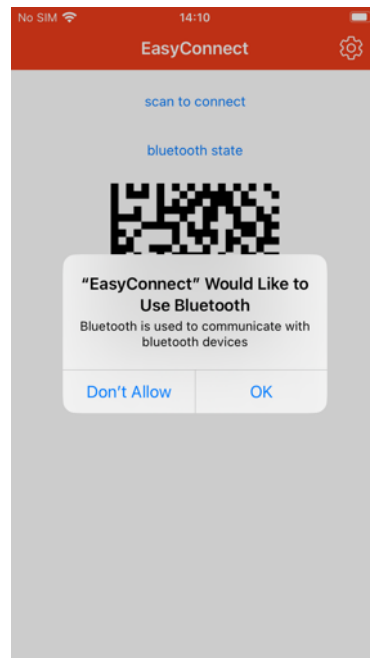
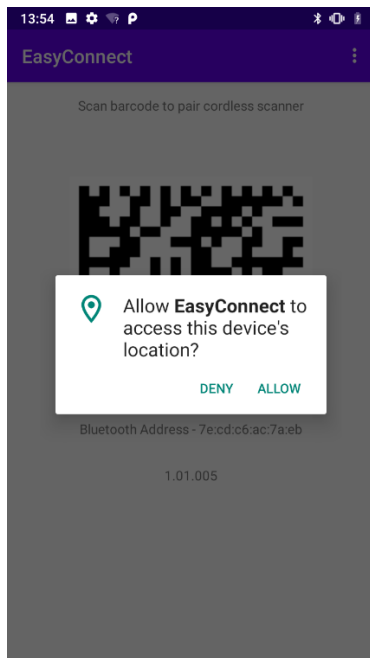
EasyConnect_V1.0.6	NLS-HR22-BT	All firmware versions
	NLS-HR32-BT	
	NLS-HR15-BT	
	NLS-HR23-BT	
	NLS-HR33-BT	
	NLS-HR52-BT	
	NLS-WD2-BS50	
	NLS-WD2-BS30	
	NLS-WD4-BS20	

How to Use EasyConnect (Android/iOS)

1. Download [EasyConnect Android](#) installation package and run it after installation. iOS can be download in App Store or EasyConnect iOS.



2. Allow EasyConnect to access this device's location.



3. Scan the below barcodes to set the scanner in Bluetooth HID mode and clear pairing info on scanner.



Enter Setup




Clear Pairing Information of Scanner

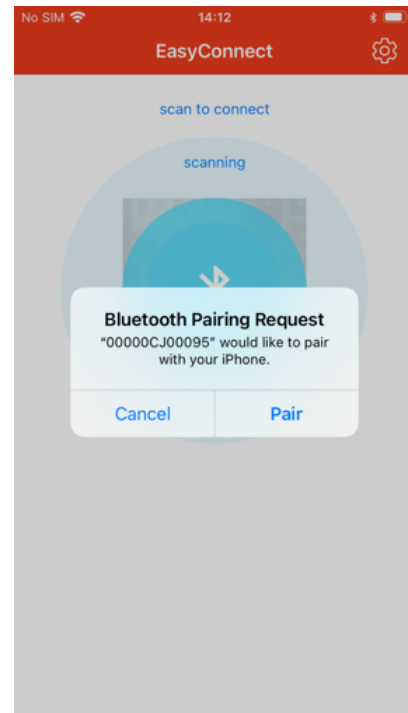
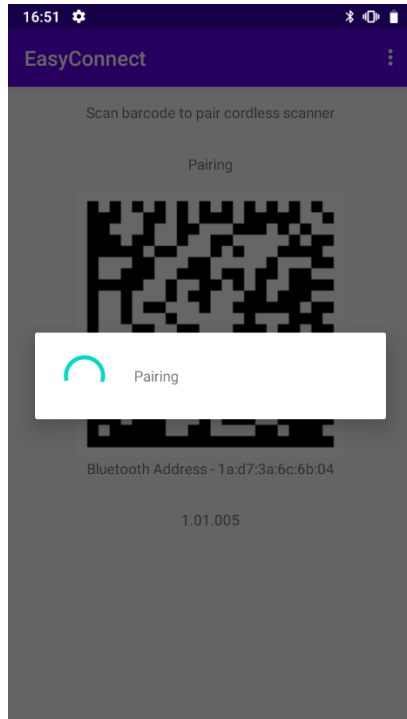


Bluetooth HID Mode




Exit Setup

4. Scan the pairing barcode on the EasyConnect and then connection completed. (If the scanner has been paired before, scanning the pairing barcode again will automatically unbind the scanner)
5. For 1D scanner, click  to switch 1D pairing barcode.



Auto Switch

Auto switch is only available in Android version.

1. click 
2. Turn on "Launch application after connection"
3. Choose the application which needed auto switch

Supported Products

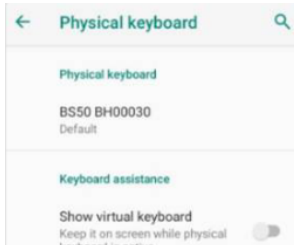
EasyConnect_for_Android_1.02.002	NLS-BS30	BS30_V1.02.008
	NLS-BS50	BS50_V1.02.014
	NLS-HR22-BT	HR22-BT_V1.01.003.EN
	NLS-HR32-BT	HR32-BT_V1.01.021
	NLS-HR52-BT	HR52-BT_V1.02.003
	NLS-HR15-BT	HR15-BT_V1.01.017

EasyConnect for iOS 1.01.003 (app1.0.0)	NLS-BS30	BS30_V1.02.008
	NLS-BS50	BS50_V1.02.014
	NLS-HR22-BT	HR22-BT_V1.02.007.EN
	NLS-HR32-BT	HR32-BT_V1.02.013
	NLS-HR52-BT	HR52-BT_V1.02.004
	NLS-HR15-BT	HR15-BT_V1.02.003

EasyConnect for Android 1.01.006 6	NLS-HR23-BT	All versions
	NLS-HR33-BT	

Q&A

1. Q: Repairing is not successful or the mobile phone does not receive the barcode information
A: Reboot Bluetooth of the host, disconnect Bluetooth manually and make sure the scanner is on Bluetooth HID mode
2. Q: The virtual keyboard does not work after successful pairing
A: The virtual keyboard is default to be disable when pairing. It needs to be enabled manually in Android device setting.



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