DH10 English version of user manual

Newland | Where payment happens, Where **NEWLAND** discovered.

Wireless version

DH10 Docking Station

Quick Reference Guide

Accessories

US AC plug
IEC Type G

Power adapter

- Please check the items when you receive the product and if there is anything defective or missing, please contact your terminal provider.

Notice :
Some configurations will not have power adapters and plugs.

Introduction

- This is a Docking Station. It has different optional configurations and accessories. Please select by yourself according to this document or supplier.
- Read this guide to understand and make the best use of your terminal. It presents you the necessary information about use, installation, maintenance, safety and security recommendations.

Overview of the Terminal

Indicator light

ETH port
RS232 port
USB-A port

Type-C port
(Power only)

Multi-functiaon buttom

Installation

- **Recommendations**
  Don't use the terminal in very hot or damp environment, keep the terminal from dust, vibration and electromagnetic radiation(computer screen, wireless intercom, etc).

- **Specifications of the products**

Power supply	DC 5.0V 2A
Operating temperature	-10 ˚C~40˚C(14˚F~104˚F)
Storage and transportation temperature	-20 ˚C~60˚C(-4˚F~140˚F)
Relative humidity	5%~93% Non-condensing at +40 ˚C(104˚F)

Interface Description

- **Type-C:** power~5.0V

- **USB-A:** USB communication
- **RS232 port:** RS232 communication interface
- **ETH port:** Ethernet interface , support Ethernet 10 / 100 Base-T
- **WiFi:** support WIFI b/g/n 2.4G
- **Interface power supply**

Interface	Power supply
USB-A	5V@500mA
PINPAD	5V@500mA

Key Function

RESET

- In the case of device binding press briefly for about 2 seconds to unbind.
- Long press to initialize the device,
- Press and hold and then power on to update the firmware.

How to use

- **Bind Operation:**
  1. DH10 Plug in the power adapter. (fig.1)
  2. Click on " Settings " on the POS machine. (fig.2)
  3. Click on ` Dock Settings `. (fig.3)
  4. Click on ` Bind new device `. (fig.4)
  5. Scan the DH10 body QR code. (fig.5)
  6. The interface shown in the following figure indicates that DH10 and POS machines have been successfully bound, and the connection mode between DH10 and POS machines is WIFI _P2P (P2P: cannot use this network to access the internet). (fig.6)
  7. Plug in the RJ45 port of DH10 with an internet cable, click on "Ethernet" on the POS machine, and switch the connection mode to WiFi_AP (AP: available network access). (fig.7)
  8. Click "CONFIRM" and the interface shown in the following figure will display to indicate successful mode switching. (fig.8)

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fig.1   fig.2

fig.3

fig.6

fig.8

- **Two operations for unbinding:**
  Method 1:
  1. Click on ` Bind new device `. (fig.9)
  2. Click on "CONFIRM" and the interface shown in the following figure will display, indicating successful unbinding. (fig.10)
  Method 2:
  1. Short press the DH10 reset button for about 2 seconds to unbind. (fig.11)

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fig.9   fig.10

fig.11

LED status

LED			state	notes
POWER	USB-2	USB-1		
Light	turn off the light	turn off the light	Client connection successful	
flicker	Light	turn off the light	Ethernet mode not used, brand waiting for client connection	flicker: On for 500ms, Off for 500ms
flicker	Light	flicker	Ethernet mode, bound waiting for client connection	flicker: On for 500ms, Off for 500ms
flicker	turn off the light	turn off the light	Ethernet mode not used, unbound waiting for client connection	flicker: On for 500ms, Off for 500ms
	Green light on	Green light on	USB device is normal	
	Yellow light on	Yellow light on	USB device abnormality	

Safety

- 1.Please be sure to take to comply with the specifications in this document.
- 2. Do not use in proximity of potentially flammable gases or substances.
- 3. Do not disassemble the terminal, power supply.
- 4. Cut off the power immediately, when there is unusual smell, overheating or smoke.
- 5. Do not use in a near water or humid environment to prevent liquid from entering the device.
- 6. Do not use the terminal in extremely cold and hot zones, such as near a fire.
- 7. Do not drop, throw or bend the device.
- 8. Use in clean environment to avoid entry of small objects into base.
- 9. Do not use near hospital equipment without permission.
- 10. Do not use terminals with radio communication on and near the aircraft, or in any other place where radio communication is prohibited.

FCC

Any Changes or modifications not expressly approved by the partyresponsible for compliance could void the user's authority to operate theequipment.
This device complies with part 15 of the FCC Rules. Operation is subject to thefollowing two conditions:

1. This device may not cause harmfulinterference.
2. This device must accept any interference received, including interferencethat may cause undesired operation.

- **Note**
This equipment has been tested and found to comply with the limits for aClass B digital device, pursuant to part 15 of the FCCRules. These limits aredesigned to provide reasonable protection against harmful interference ina residential installation.This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with theinstructions, may cause harmful interference to radio communications.However, there is no guarantee that interference will not occur in aparticular installation. If this equipment does cause harmful interference toradio or television reception, which can be determined by turning theequipment off and on, the user is encouraged to try to correct theinterference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that towhich the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

FCC Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth foran uncontrolled environment .
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment should be installed and operated with minimum distance 20cm between the radiator &you body.

Troubleshooting

- **I. The terminal does not powering on**
  1. Please make sure using Product-matched power supplies.
  2. Confirm the power is connected correctly.

- **II. Can't connect Eth**
  1. Ethernet light display is normal.
  2. Restart docking station.

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210.00 mm
74.25 mm
222.75 mm