

Manual

1D/2D Scan Engine

HD-SM820

Table of contents

- Specifications: 3
- Set contents:..... 4
- Features: 4
- Maintenance 5
- Remark..... 5
- Settings..... 5
 - Basic settings** 5
 - Interface Setting**..... 6
 - Scan Mode** 6
 - QR code with URL** 6
 - Suffix** 7
 - NFC setting** 7
 - Keyboard country layout**..... 7

Specifications:

- **Warranty:** 2 years
- **Sensor:** 640*480 CMOS
- **Operating frequency:** 13.56MHz
- **Scanning method:** automatically (when you bring the code closer)
- **Scan angle:** $\pm 360^\circ$ pan, horizontal $\pm 70^\circ$, $\pm 70^\circ$ bevel
- **Interface:** RS232
- **Device dimensions:** 6.1 x 6.5 x 2.6 cm
- **Package dimensions:** 19 x 10 x 5 cm
- **Device weight:** 40 g
- **Weight of the device with packaging:** 200 g
- **Operating temperature:** -10 to 60°C
- **Storage temperature:** -40 to 70°C
- **Operating Humidity:** 5 to 95%
- **Storage Humidity:** 5 to 95%
- **ID Code Readable:** Codabar, Code 11, Code 39, Code 32, Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, Code 93, Code 128, GS1 1D 128, MSI plessey, UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, GS1 DataBar(RSS14), GS1 DataBar Limited, GS1 DataBar Expanded
- **Readable 2D codes:** PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix

Set contents:

- Code reader,
- RS232 cable,
- power supply
- user manual.

Features:

- **Scanning:** Automatic (when you hold the code)
- **Available interfaces:** RS232
- **Operating frequency:** 13.56MHz
- **Types of barcodes scanned:** 1D and 2D barcodes, barcodes from paper labels, LCD and LED/OLED phone screens

Maintenance

- Stains and dust on the scanner glass sometimes interfere with its operation. For cleaning, use alcohol and a glasses cloth to wipe gently.
- The code reader housing can be wiped with a clean, soft cloth or a small amount of detergent mixed with water, and wiped with a soft cloth dipped in water.

Remark

- Do not disassemble the protective cover by yourself to avoid direct light rays falling on your eyes.
- Do not disassemble, hit, etc. If severe swelling occurs, do not continue use.
- If the appliance needs to be disassembled, adjusted or repaired, you should refer to professionals.
- Do not expose the appliance to high temperatures.

Settings

Basic settings



Restore factory settings

Interface Setting



USB



RS232



USB CDC

Scan Mode



Sensor Trigger Mode



Continuous Scan Mode

QR code with URL



On



Off

Suffix



<Data><CR>



<Data><LR>



<Data><CR><LF>



<Data><TAB>



<Data><ETX>



No suffix

NFC setting



On



Off

Keyboard country layout



English (US)



English (UK)



French



Portuguese



German



Spanish



Turkish



Italian