

# Manual

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## Desktop QR Code Scanner HD-S20

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## Specifications:

- **Warranty:** 2 years
- **Sensor:** CMOS
- **Resolution:** 640 x 480 px
- **Scanning method:** manual (on the button) / automatically (after bringing the code closer)
- **Scan acknowledgement:** beep
- **Scan Speed:** 500 scans/second
- **Interfejs:** USB, Virtual COM
- **Cord length:** 120 cm
- **Drop resistance:** up to 1.5 meters
- **Device dimensions:** 5 x 3.5 x 2.2 cm
- **Package dimensions:** 16 x 10.5 x 3.5 cm
- **Device weight:** 95 g
- **Weight with packaging:** 130 g
- **Operating temperature:** -20 to 60°C

- **Storage temperature:** -40 to 70°C
- **Operating/storage humidity:** 5 to 95%
- **Readable 1D codes:** EAN8, EAN13, EAN128, UPC-A, UPC-E, CODE128, CODE39, CODE93, CODE11, GS1-DATAE, INDUS25, IATA25, MATRIX25, CHINESE25, CODABAR, MSI, other one-dimensional
- **Readable 2D codes:** QR Code, Micro QR, Data Matrix, PDF417

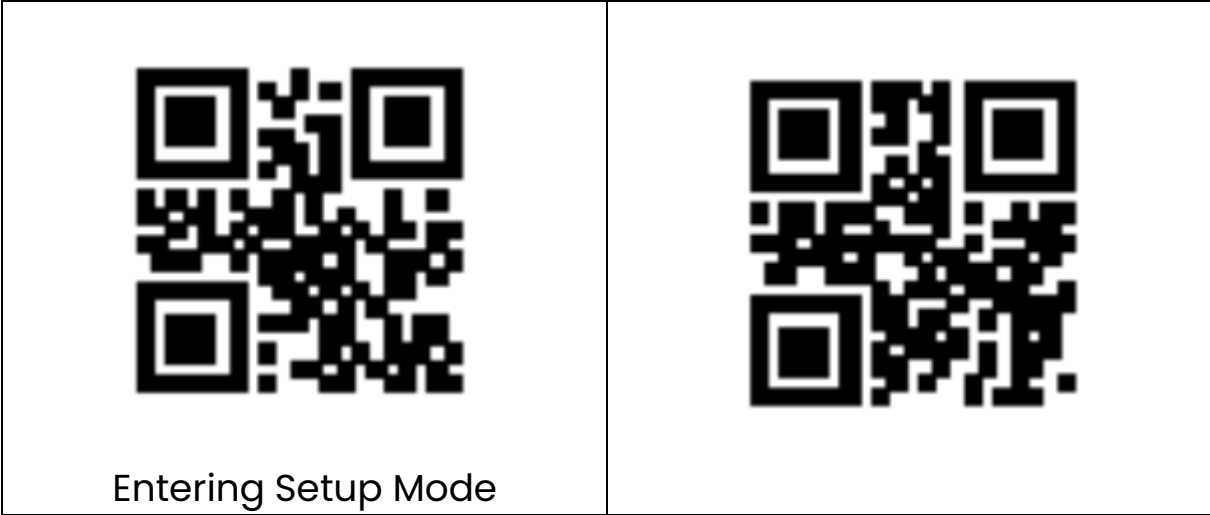
### Set contents:

- Desktop QR Code Reader
- USB cable
- Manual

# Basic Control Codes

## Configuration mode

Each time you want to change the settings of the device, you need to scan the "Enter Configuration Mode" code, and after you are done with the configuration, you need to scan the "Exit Setup Mode" code to save the settings.



### Factory reset



Factory reset

### Save settings as default

In addition to factory reset, users can save frequently used settings as defaults.





Save custom settings as default









Restore a user's custom settings

# Interface settings

 <p data-bbox="331 808 651 853">USB HID (default)</p>	 <p data-bbox="986 808 1216 853">Virtual COM</p>
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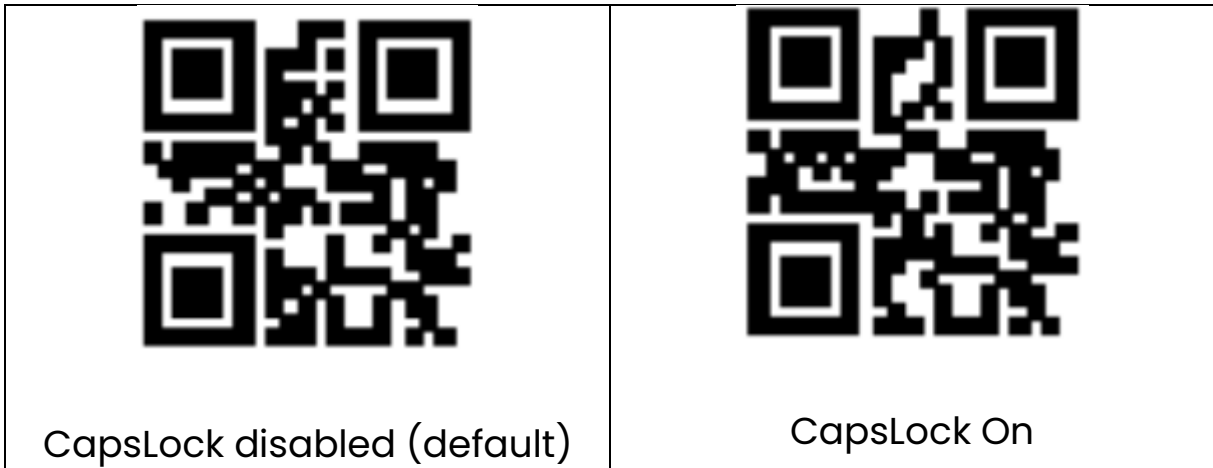
# Baud

 <p data-bbox="411 1682 571 1727">1200bps</p>	 <p data-bbox="1018 1693 1177 1738">4800bps</p>

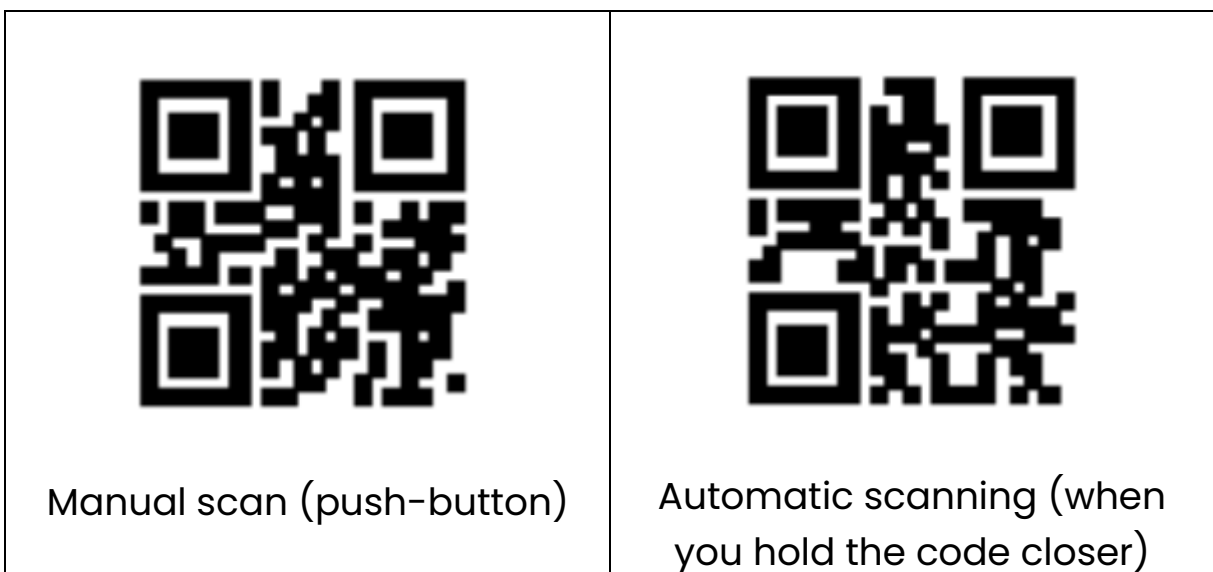
 <p>9600bps (default)</p>	 <p>14400bps</p>
 <p>19200bps</p>	 <p>38400bps</p>
 <p>57600bps</p>	 <p>115200bps</p>

Case settings




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## Code Scan Mode Settings

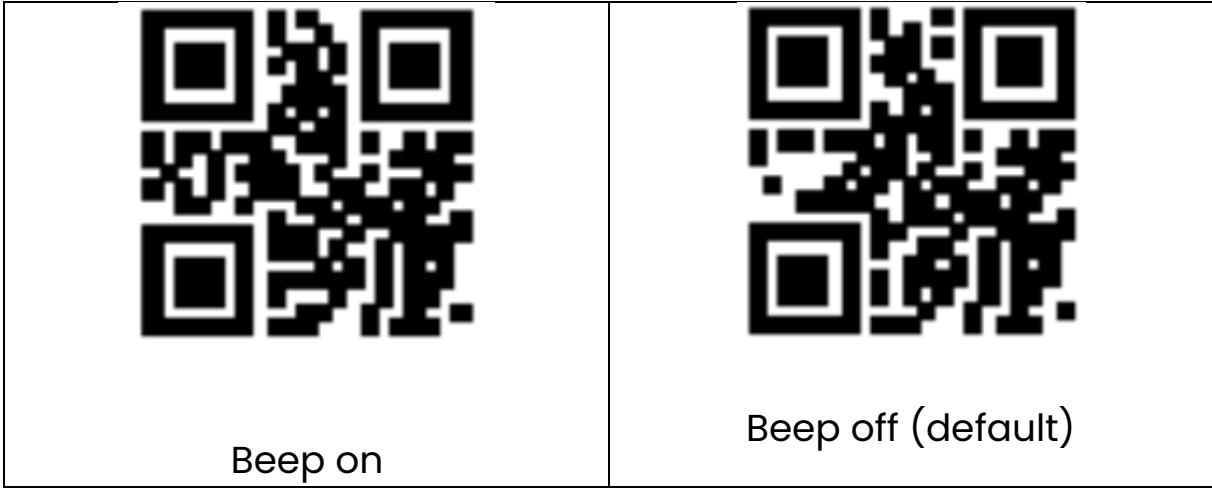


# Crosshair illumination settings

 <p>Backlight enabled during scan (default)</p>	 <p>Backlight on all the time</p>
 <p>Backlight off</p>	

# Beep settings

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## Prefix setting





Modify prefixes

## Suffix setting



Suffixes Included



Suffixes disabled (default)



Modifying Suffixes

# Setting End Characters

 <p>No end sign</p>	 <p>CR (default)</p>
 <p>TAB</p>	 <p>CR+LF</p>

## Save and cancel codes

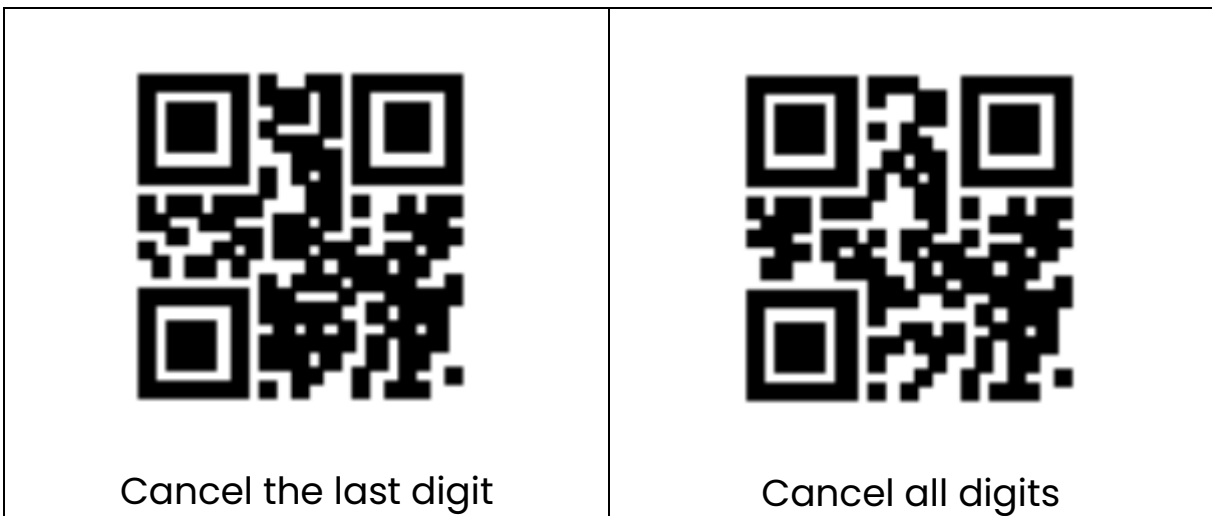
### Record

After scanning the numeric codes (e.g. when setting a prefix or suffix), scan the "Save" code to save the settings.













### Annulment

If an error or mistake occurs in the scanned data, you can scan the following programming barcode to cancel the current setting (e.g., when setting a prefix or suffix).



# Appendix 1. Numeric codes

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 <p>0</p>	 <p>1</p>
 <p>2</p>	 <p>3</p>
 <p>4</p>	 <p>5</p>
 <p>6</p>	 <p>7</p>
 <p>8</p>	 <p>9</p>

Alphanumeric codes



A



B



C



D



E



F