

## Technical data sheet

### Mobile 2D-code reader

Part no.: 50134980  
HCR 210-C1-020/SET

#### Contents

- Technical data
- Electrical connection
- Operation and display



For illustration purposes only

## Technical data

### Basic data

Series	HCR 210
Contains	1x USB interconnection cable 2 m

### Read data

Code types, readable	2/5 Interleaved
	Codabar
	Codablock
	Code 128
	Code 39
	Code 93
	Data Matrix Code
	DotCode
	EAN 128
	EAN 8/13
	EAN Addendum
	GS1 Databar
	GS1 Databar Expanded
	GS1 Databar Limited
	GS1 Databar Omnidirectional
	GS1 Databar Stacked
	GS1 Databar Truncated
	QR code
	UPC

### Optical data

Reading distance	35 ... 400 mm
Light source	LED, White
Camera resolution, horizontal	1,280 px
Camera resolution, vertical	1,024 px
Opening angle, x-axis	43 °
Opening angle, y-axis	36 °
Bar code contrast (PCS)	30 %
Modulus size	0.127 ... 0.508 mm

### Electrical data

<b>Performance data</b>	
Supply voltage $U_B$	5 V, DC
Power consumption, max.	2 W
Rated operating current	260 mA

### Interface

Type	RS 232, USB
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## Electrical connection

### Connection 1

Function	Data interface
Type of connection	RJ41

### RS 232

Function	Process
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### USB

Function	Process
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### Connection

#### Connection 1

Type of connection	RJ41
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### Mechanical data

Dimension (W x H x L)	70 mm x 107 mm
Housing material	Plastic
Net weight	150 g

### Environmental data

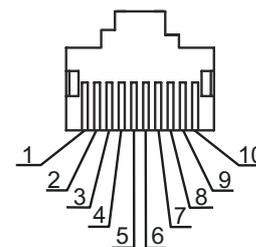
Ambient temperature, operation	0 ... 40 °C
Ambient temperature, storage	-20 ... 60 °C
Relative humidity (non-condensing)	5 ... 85 %

### Classification

Customs tariff number	84719000
ECLASS 5.1.4	27280101
ECLASS 8.0	27280101
ECLASS 9.0	27280101
ECLASS 10.0	27280101
ECLASS 11.0	27280101
ECLASS 12.0	27280101
ECLASS 13.0	27280101
ECLASS 14.0	27280101
ECLASS 15.0	27280101
ECLASS 16.0	27280101
ETIM 5.0	EC002550
ETIM 6.0	EC002550
ETIM 7.0	EC002550
ETIM 8.0	EC002550
ETIM 9.0	EC002550
ETIM 10.0	EC002550

## Electrical connection

Pin	Pin assignment
1	RTS
2	USB D+
3	USB D-
4	GND
5	CTS
6	RxD
7	n.c.
8	+5 V DC
9	n.c.
10	TxD



## Operation and display

LED	Display	Meaning
1	Blue, 1x flashing	Reading successful
	Red	No reading result