

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

Performance data	
Supply voltage U _B	5 V, DC
Power consumption, max.	2 W
Rated operating current	260 mA

Interface

Type	RS 232, USB
RS 232	
Function	Process
USB	
Function	Process

Connection

Connection 1	
Type of connection	RJ41

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

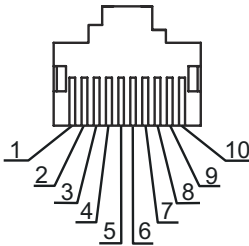
Customs tariff number	85044055
ECLASS 5.1.4	27280101
ECLASS 8.0	27280101
ECLASS 9.0	27280101
ECLASS 10.0	27280101
ECLASS 11.0	27280101
ECLASS 12.0	27280101
ECLASS 14.0	27280101
ETIM 5.0	EC002550
ETIM 6.0	EC002550
ETIM 7.0	EC002550
ETIM 8.0	EC002550
ETIM 9.0	EC002550
ETIM 10.0	EC002550

Electrical connection

Connection 1

Function	Data interface
Type of connection	RJ41

Pin	Pin assignment
1	RTS
2	USB D+
3	USB D-
4	GND



Electrical connection

Pin	Pin assignment
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