

Technical data sheet

Wireless mobile 2D-code reader

Part no.: 50143090

IT 1952g SR-2-R-USB-KIT

Contents

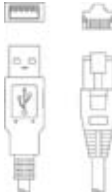
- Set consists of
- Technical data
- Electrical connection
- Operation and display
- Notes
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Figure can vary



Set consists of

	Quantity	Part no.	Designation	Article	Description
   	1	50143593	Base IT 1952g	Base station	Interface: PS/2, RS 232, USB Bluetooth range: Class 2 Bluetooth version: 2.1 Connection 1: RJ41 Connection 2: Jack socket Connection 3: Bluetooth
	1	50105384	Battery IT-series	Battery	Supply voltage: 3.7 V, DC Battery technology: Lilon Battery storage capacity: 2.4 A·h
	1	50143088	IT 1952g SR-2-R	Wireless mobile 2D-code reader	
	1	50114521	KB USB-1 IT190x	Interconnection cable	Suitable for interface: USB Connection 1: USB Connection 2: RJ41 Shielded: Yes Cable length: 3,000 mm Sheathing material: PVC

Series

IT19xx

Read data

Code types, readable

2/5 Interleaved

Aztec

Codabar

Code 128

Code 39

Code 93

Composite Codes

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

Maxicode

Micro PDF

Micro QR

Others on request

PDF417

QR code

UPC

Technical data

Optical data

Reading distance	0 ... 822 mm
Camera resolution, horizontal	1,280 px
Camera resolution, vertical	800 px

Electrical data

Performance data

Supply voltage U_B	4.2 V, DC
Power consumption, max.	2.5 W
Battery technology	Lilon
Battery storage capacity	2.4 A·h

Interface

Type	PS/2, RS 232, USB
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RS 232

Function	Process
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USB

Function	Process
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Connection

Bluetooth range	Class 2
Bluetooth version	4.2

Connection 1

Type of connection	Bluetooth
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Mechanical data

Dimension (W x H x L)	70 mm x 160 mm x 80 mm
Housing material	Plastic, UL 94-V0
Net weight	220 g

Environmental data

Ambient temperature, operation	0 ... 50 °C
Ambient temperature, storage	-40 ... 70 °C
Relative humidity (non-condensing)	0 ... 95 %
Drop height	1.8 m
Measurements relative to	Concrete floor

Certifications

Degree of protection	IP 41
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Classification

Customs tariff number	84719000
eCl@ss 8.0	27280103
eCl@ss 9.0	27280103
ETIM 5.0	EC002999
ETIM 6.0	EC002999

Electrical connection

Connection 1

Function	Configuration interface
	Data interface
Type of connection	Bluetooth

Operation and display

LED	Display	Meaning
1	Red, continuous light	Low battery level
	Green, 1x flashing	Reading successful
	Red, flashing	Communication error

Notes



Observe intended use!



- ⚠ This product is not a safety sensor and is not intended as personnel protection.
- ⚠ The product may only be put into operation by competent persons.
- ⚠ Only use the product in accordance with its intended use.

Accessories

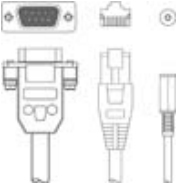
Connection technology - Connection unit

	Part no.	Designation	Article	Description
	50112891	MA 248i Profinet Gateway	Modular connection unit	Supply voltage: 18 ... 30 V Current consumption, max.: 300 mA Interface: PROFINET, RS 232 Connections: 6 Piece(s) Degree of protection: IP 65

Connection technology - Connection cables

	Part no.	Designation	Article	Description
	50113397	KB JST-HS-300	Connection cable	Suitable for interface: RS 232 Connection 1: JST ZHR Connection 2: Sub-D, Axial, Male, 9 -pin Shielded: Yes Cable length: 300 mm Sheathing material: PUR

Connection technology - Interconnection cables

	Part no.	Designation	Article	Description
	50114517	KB 232-1 IT190x	Interconnection cable	Suitable for interface: RS 232, TTL Connection 1: Sub-D, Axial, Female, 9 -pin Connection 2: RJ41 Connection 3: Connector, Pluggable, Axial, Female, 2 -pin Shielded: Yes Cable length: 3,000 mm Sheathing material: PVC

Power supply units

	Part no.	Designation	Article	Description
	50114525 *	NT f. IT 1900+Base-EU	Power supply unit	Type of power supply unit: Plug-in power supply unit Output: 5 V DC, 1 A Input: 110..240 V AC, 50..60 Hz

* Necessary accessories, please order separately

Note



A list with all available accessories can be found on the Leuze website in the Download tab of the article detailed page.