

Technical data sheet

Wireless mobile 2D-code reader

Part no.: 50143090

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

Contents




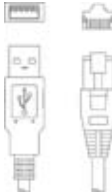
- Set consists of
- Technical data
- Electrical connection
- Operation and display
- Notes
- Accessories



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
Plastic housing	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 5.1.4	27280103
eCl@ss 8.0	27280103
eCl@ss 9.0	27280103
eCl@ss 10.0	27280103
eCl@ss 11.0	27280103
ETIM 5.0	EC002550
ETIM 6.0	EC002999
ETIM 7.0	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

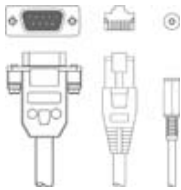
Connection technology - Connection unit

	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.