

Technical data sheet

Wireless mobile 2D-code reader

Part no.: 50144031

IT 1472g-2D-2 USB-KIT

Contents

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



Figure can vary



Set consists of

Quantity	Part no.	Designation	Article	Description
1	50143595	Base IT 1472g	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	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

Technical data

Basic data

Series	IT147xg
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Read data

Code types, readable	2/5 Interleaved
	Aztec
	Codabar
	Codablock
	Code 128
	Code 39
	Code 93
	Data Matrix Code
	DotCode
	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
	PDF417
	QR code
	UPC

Optical data

Reading distance	5 ... 400 mm
Light source	LED
LED group	1
Camera resolution, horizontal	1,040 px
Camera resolution, vertical	720 px
Bar code contrast (PCS)	35 %
Modulus size	0.127 ... 0.508 mm

Electrical data

Performance data

Supply voltage U_B	3.7 V, DC
Power consumption, max.	1.8 W
Battery technology	Lilon
Battery storage capacity	2.4 A·h

Interface

Type	PS/2, RS 232, USB
RS 232	
Function	Process
USB	
Function	Process

Connection

Bluetooth range	Class 2
Bluetooth version	4.2
Connection 1	
Type of connection	Bluetooth

Mechanical data

Dimension (W x H x L)	173 mm x 82 mm x 62 mm
Housing material	Plastic, UL 94-V0
Net weight	210 g

Technical data

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

Classification

Customs tariff number	84719000
eCl@ss 8.0	27280103
eCl@ss 9.0	27280103
ETIM 5.0	EC002550
ETIM 6.0	EC002550

Certifications

Degree of protection	IP 42
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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

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 - Interconnection 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

Accessories

Connection technology - Y distribution 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.