

## Technical data sheet Mobile 2D-code reader

Part no.: 50142435

IT 1950g HD-2-R

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For illustration purposes only



# Technical data

## Basic data

Series	IT19xx
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## 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

## Optical data

Reading distance	6 ... 604 mm
Camera resolution, horizontal	1,280 px
Camera resolution, vertical	800 px

## Electrical data

<b>Performance data</b>	
Supply voltage $U_B$	4 ... 5.5 V, DC
Power consumption, max.	2.5 W

## 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

### Connection 1

Type of connection	RJ41
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## Mechanical data

Dimension (W x H x L)	70 mm x 80 mm x 160 mm
Housing material	Plastic
Plastic housing	UL 94-V0
Net weight	160 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
ECLASS 5.1.4	27280103
ECLASS 8.0	27280103
ECLASS 9.0	27280103
ECLASS 10.0	27280103
ECLASS 11.0	27280103
ECLASS 12.0	27280103
ECLASS 13.0	27280103
ECLASS 14.0	27280103
ETIM 5.0	EC002550
ETIM 6.0	EC002999
ETIM 7.0	EC002999
ETIM 8.0	EC002999
ETIM 9.0	EC002999

# Electrical connection


## Connection 1

Function	Configuration interface
Type of connection	RJ41




## Accessories

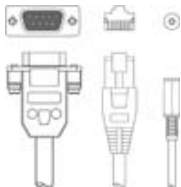
### Connection technology - Connection unit

	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	Interconnection 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 - Y distribution cables

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

### Mounting technology - Other

	Part no.	Designation	Article	Description
	50115739	BT Wallholder IT190x	Wall mount	Design of mounting device: Wall mounting Fastening, at system: Mounting thread Mounting bracket, at device: insertable Material: Plastic

#### Note



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