



Hand-held scanners  
IT3xxx / IT3820i / industrial / cordless /  
Standard Range

IT3820i SRE



**Model Name** > [IT3820i SRE](#)  
**Part No.** > [6037212](#)



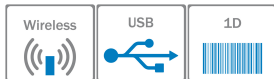
**At a glance**

- Withstands 50 drops from 2 m
- IP 54 enclosure rating
- Bluetooth wireless version for cordless applications with up to 10 m operating distance and integrated code buffer for code reading beyond 10 m
- Fast and reliable decoding even on poorly printed or partly damaged codes
- Scan rate up to 270 scans/second
- Reading distance up to 1.1 m
- Cordless scanners are equipped with Li-Ion batteries

**Your benefits**

- Reliable identification reduces the need to manually input data
- High scanning speeds and aggressive reading performance increase productivity
- Highly dependable thanks to rugged housing and non-moving parts
- Its ergonomic design makes handling convenient and comfortable
- Greater flexibility - no cables

**The product has been discontinued. Please follow the "replacement product" link for information about alternative products.**



**Features**

Field of application:	Cordless, Industrial
Version:	Standard Range
Scanner design:	1D code hand-held scanner
Light source:	Visible red light (630 nm)
Code resolution:	≥0.127 mm
Reading distance (at code resolution):	64 mm ... 1,110 mm (1.4 mm)
Reading field (at distance):	250 mm (400 mm )
Scanning frequency:	≤ 270 Hz

**Performance**

Supported code type:	1D
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Bar code types:	China Post, Codabar, Codablock F, Code 11, Code 128, Code 2 of 5, Code 32 Pharmaceutical (PARAF), Code 39, Code 39 Trioptic, Coupon Code, EAN/JAN, GS1 DataBar, IATA Code 2 of 5, Interleaved 2 of 5, Korea Post, Matrix 2 of 5, MSI, Plessey Code, PosiCode, Telepen, UPC-A, UPC-E
Battery power:	1,800 mAh, max. 57,000 scans, max. 20 h (standby), max. 16 h (continuous operation), max. 4 h charging time
Code buffer:	500 Codes (UPC) at 12 characters

## Interfaces

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Serial:	✓
Function (Serial):	RS-232 TTL
Ethernet:	✓
Remark (Ethernet):	Optional via external connection module (CDM + CMF)
CAN bus:	✓
Remark (CAN bus):	Optional via external connection module (CAN232)
PROFINET:	-
PROFIBUS DP:	✓
Remark (PROFIBUS DP):	Optional via external connection module (CDF)
DeviceNet:	✓
Remark (DeviceNet):	Optional via external connection module (CDM + CMF)
PS/2:	✓
Function (PS/2):	Keyboard wedge
USB:	✓
Function (USB):	Keyboard wedge, COM-Port emulation
Bluetooth:	✓
Function (Bluetooth):	Wireless operating range up to 10 m, batch function for expansion of the wireless radius
Protocol (Bluetooth):	Bluetooth™ V1.2 Class 2, 2.4 ... 2.4835 GHz
Optical indicators:	1 LED (good read, charge of battery, radio connection status)
Acoustic indicators:	Beeper, disengageable (to confirm reading)

## Mechanics/electronics

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Operating voltage:	3.6 V DC <sup>1)</sup>
Enclosure rating:	IP 54
Weight:	272 g, incl. rechargeable battery
Dimensions:	163 mm x 135 mm x 81 mm

<sup>1)</sup> Rechargeable battery operation

## Ambient data

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Shock resistance:	50 drops From 1.8 m height on concrete
Ambient operating temperature:	0 °C ... 50 °C
Storage temperature:	-40 °C ... 60 °C
Permissible relative humidity:	95 %, non-condensing
Ambient light safety:	70,000 lx, on bar code
Bar code print contrast (PCS):	≥ 20 %

## General notes

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Note:	For operation a base station with power supply and communication cable is additionally required
Life cycle phase:	Phased out



**Australia**

Phone +61 3 9457 0600  
1800 334 802 – tollfree  
E-Mail sales@sick.com.au

**Belgium/Luxembourg**

Phone +32 (0)2 466 55 66  
E-Mail info@sick.be

**Brasil**

Phone +55 11 3215-4900  
E-Mail sac@sick.com.br

**Canada**

Phone +1 905 771 14 44  
E-Mail information@sick.com

**Ceská Republika**

Phone +420 2 57 91 18 50  
E-Mail sick@sick.cz

**China**

Phone +86 4000 121 000  
E-Mail info.china@sick.net.cn  
Phone +852-2153 6300  
E-Mail ghk@sick.com.hk

**Danmark**

Phone +45 45 82 64 00  
E-Mail sick@sick.dk

**Deutschland**

Phone +49 211 5301-301  
E-Mail kundenservice@sick.de

**España**

Phone +34 93 480 31 00  
E-Mail info@sick.es

**France**

Phone +33 1 64 62 35 00  
E-Mail info@sick.fr

**Great Britain**

Phone +44 (0)1727 831121  
E-Mail info@sick.co.uk

**India**

Phone +91-22-4033 8333  
E-Mail info@sick-india.com

**Israel**

Phone +972-4-6801000  
E-Mail info@sick-sensors.com

**Italia**

Phone +39 02 27 43 41  
E-Mail info@sick.it

**Japan**

Phone +81 (0)3 3358 1341  
E-Mail support@sick.jp

**Magyarország**

Phone +36 1 371 2680  
E-Mail office@sick.hu

**Nederlands**

Phone +31 (0)30 229 25 44  
E-Mail info@sick.nl

**Norge**

Phone +47 67 81 50 00  
E-Mail austefjord@sick.no

**Österreich**

Phone +43 (0)22 36 62 28 8-0  
E-Mail office@sick.at

**Polska**

Phone +48 22 837 40 50  
E-Mail info@sick.pl

**România**

Phone +40 356 171 120  
E-Mail office@sick.ro

**Russia**

Phone +7-495-775-05-30  
E-Mail info@sick.ru

**Schweiz**

Phone +41 41 619 29 39  
E-Mail contact@sick.ch

**Singapore**

Phone +65 6744 3732  
E-Mail admin@sicksgp.com.sg

**Slovenija**

Phone +386 (0)1-47 69 990  
E-Mail office@sick.si

**South Africa**

Phone +27 11 472 3733  
E-Mail info@sickautomation.co.za

**South Korea**

Phone +82 2 786 6321/4  
E-Mail info@sickkorea.net

**Suomi**

Phone +358-9-25 15 800  
E-Mail sick@sick.fi

**Sverige**

Phone +46 10 110 10 00  
E-Mail info@sick.se

**Taiwan**

Phone +886-2-2375-6288  
E-Mail sales@sick.com.tw

**Türkiye**

Phone +90 (216) 528 50 00  
E-Mail info@sick.com.tr

**United Arab Emirates**

Phone +971 (0) 4 8865 878  
E-Mail info@sick.ae

**USA/México**

Phone +1(952) 941-6780  
1 800-325-7425 – tollfree  
E-Mail info@sickusa.com

More representatives and agencies  
at [www.sick.com](http://www.sick.com)