



Hand-held scanners IT4xxx / IT4800i / industrial / Short Range

IT4800i SF 051CE



Model Name > **IT4800i SF 051CE**
Part No. > **6028635**



At a glance

- Withstands 50 drops from 2 m
- IP 54 enclosure rating
- Reads 1D, stacked and 2D codes as well as OCR-A and OCR-B
- Reading distances up to 330 mm
- Green LED displays reading area

Your benefits

- Reliable identification of 1D, stacked, 2D codes, OCR-A, OCR-B and image capture
- High productivity thanks to quick decoding and easy handling
- Highly dependable thanks to rugged housing and non-moving parts
- Intuitive scanning thanks to omni-directional code capture
- Lightweight, ergonomic design ensures user comfort
- Corded and cordless versions provide greater flexibility



Features

Field of application:	Industrial
Version:	Short Range
Scanner design:	2D code hand-held scanner
Light source:	Visible green light (530 nm, Aiming LED), Visible red light (630 nm)
Sensor:	752 x 480 px
Code resolution::	≥0.19 mm, ≥0.25 mm ^{1) 2)}
Reading distance (at code resolution):	50 mm ... 230 mm (0.33 mm)
Reading field (at distance):	110 mm x 70 mm (150 mm)

¹⁾ 1D ²⁾ 2D

Performance

Supported code type:	1D, 2D, Stacked
Bar code types:	Codabar, Code 128, Code 39, Code 93, Interleaved 2 of 5, RSS, UPC/GTIN/EAN
2D code types:	Aztec, Aztec Mesas, Data Matrix, MaxiCode, QR code
Code alignment:	Omni-directional
Horizontal motion tolerance:	≤ 50 cm/s
OCR fonts:	OCR-A, OCR-B

Interfaces

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
Optical indicators:	1 LED (good read)
Acoustic indicators:	Beeper, disengageable (good read)

Mechanics/electronics

Operating voltage:	4.5 V DC ... 14 V DC
Housing:	Polycarbonat, UL 94V0
Enclosure rating:	IP 54
Weight:	185 g, without cable
Dimensions:	163 mm x 135 mm x 81 mm

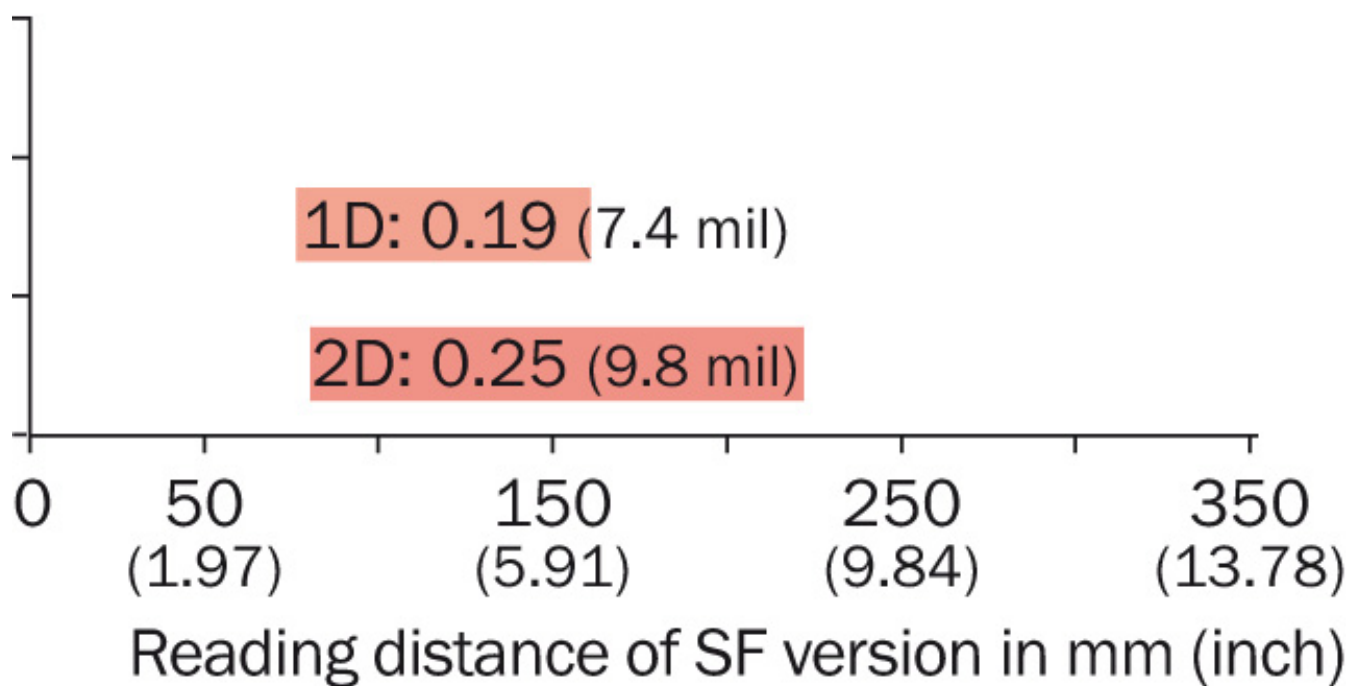
Ambient data

Shock resistance:	50 drops From 2 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:	100,000 lx, max. on bar code

General notes

Note:	An interface cable and if necessary a power supply unit are additionally required for operation.
-------	--

Code resolution in mm (mil)



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