



IT3800i SR 030E

IT3xxx

HAND-HELD SCANNERS

SICK
Sensor Intelligence.



Ordering information

Model name	Part no.
IT3800i SR 030E	6028179

Other models and accessories → www.sick.de/IT3xxx



Detailed technical data

Features

Field of application	Industrial
Scanner design	1D code hand-held scanner
Light source	Visible red light (630 nm)
Scanning frequency	≤ 270 Hz
Code resolution	≥ 0.19 mm
Reading distance	40 mm ... 2,080 mm ¹⁾

¹⁾ For details see reading field diagram.

Performance

Supported code type	1D
Bar code types	RSS, Codabar, Code 39 including PARAF, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, Code 11, Code 93, Code 128, UPC / GTIN / EAN, EAN/JAN, China Postal Code

Interfaces

Serial	✓
Function	RS-232 TRUE
Ethernet	✓, optional via external connection module (CDM + CMF)
CAN bus	✓, optional via external connection module (CAN232)
PROFIBUS DP	✓, optional via external connection module (CDF)
DeviceNet	✓, optional via external connection module (CDM + CMF)
Optical indicators	1 LED (good read)
Acoustic indicators	Beeper, disengageable (to confirm reading)

Mechanics/electronics

Operating voltage	4.5 V DC ... 14 V DC
Enclosure rating	IP 54
Weight	213 g
Dimensions	163 mm x 135 mm x 81 mm

Ambient data

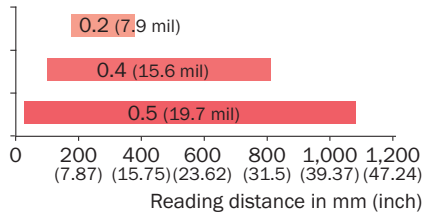
Shock resistance	50 drops from 2 m height on concrete
Ambient operating temperature	0 °C ... +50 °C
Storage temperature	-40 °C ... +60 °C
Permissible relative humidity	± 95 %, non-condensing
Ambient light safety	70,000 lx, on bar code
Bar code print contrast (PCS)	≥ 20 %

General notes

Note	For setting-up operation ia a connection cable and if necessary a power supply unit is additionally required.
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Reading field diagram

Code resolution in mm (mil)



Recommended accessories

Other models and accessories → www.sick.de/IT3xxx

	Brief description	Model name	Part no.
Power supply units and power cord connectors			
	Universal AC adapter, input 100 ... 240 V AC, output 5 V DC, including the power cable with European plug (does not fulfill medical standard EN 60601/IEC 60601)	PS-050-2400D1-EU	6034941
	Universal AC adapter, input 100 ... 240 V AC, output 5 V DC, including AC line with North American plug (does not fulfill medical standard EN 60601/IEC 60601)	PS-050-2400D1-NA	6034790
	Universal AC adapter, input 100 ... 240 V AC, output 5 V DC, including the power cable with plug-United-Kingdom (does not fulfill medical standard EN 60601/IEC 60601)	PS-050-2400D1-UK	6034942
Plug connectors and cables			
	Head A: female connector, D-Sub, 9-pin, straight Head B: male connector, RJ45, straight Cable: RS-422 TRUE, unshielded, 2.4 m External power supply necessary, additional connector at D-sub	Connection cable (male connector-female connector)	6010819

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