



IT3800g 14E

IT3xxx

HAND-HELD SCANNERS

SICK
Sensor Intelligence.



Ordering information

Model name	Part no.
IT3800g 14E	6034326

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



Detailed technical data

Features

Field of application	General Purpose
Scanner design	1D code hand-held scanner
Light source	Visible red light (630 nm)
Scanning frequency	≤ 270 Hz
Code resolution	≥ 0.076 mm
Reading distance	10 mm ... 660 mm ¹⁾

¹⁾ For details see reading field diagram.

Performance

Supported code type	1D
Bar code types	Codabar, Code 3 of 9 including PARAF, Interleaved 2 of 5, Straight 2 of 5 Industrial, Matrix 2 of 5, Code 11, Code 93, Code 128, UPC / GTIN / EAN, EAN/JAN, China Postal Code, GS1 DataBar, 2005 Sunrise/GTIN compliant

Interfaces

Serial	✓
Function	RS-232 TTL
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)
PS/2	✓
Function	Keyboard wedge
USB	✓
Function	Keyboard wedge, COM-Port emulation
Optical indicators	1 LED (good read)
Acoustic indicators	Beeper, disengageable (to confirm reading)

Mechanics/electronics

Operating voltage	5 V DC
Enclosure rating	IP 41
Weight	160 g, without cable
Dimensions	110 mm x 150 mm x 80 mm

Ambient data

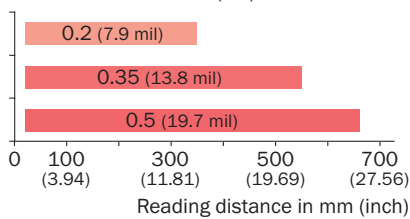
Shock resistance	50 drops from 1.5 m height on concrete
Ambient operating temperature	0 °C ... +50 °C
Storage temperature	-40 °C ... +60 °C
Permissible relative humidity	± 95 %, non-condensing
Ambient light safety	70,000 lx, on bar code
Bar code print contrast (PCS)	≥ 20 %

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			

	Brief description	Model name	Part no.
	Head A: male connector, USB-A Head B: male connector, RJ45 Cable: USB, unshielded, 2.3 m	USB cable	6028232
	Head A: male connector, Mini, 6-pin Head B: male connector, RJ45 Cable: unshielded, 2.4 m	Connection cable (male connector-male connector)	6012110

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