



IT6300 DPM

IT6xxx

HAND-HELD SCANNERS

SICK
Sensor Intelligence.



Ordering information

Model name	Part no.
IT6300 DPM	6032812

Other models and accessories → www.sick.de/IT6xxx



Detailed technical data

Features

Field of application	Industrial
Scanner design	2D DPM hand-held scanner
Sensor	1.280 x 960 px
Lighting	Integrated diffuser, configurable LED segments
Aiming	Horizontal, green aiming line
Code resolution	≥ 0.13 mm
Reading distance	0 mm ... 50 mm ¹⁾

¹⁾ For details see reading field diagram.

Performance

Supported code type	1D, 2D, DPM, Stacked
Bar code types	EAN13, UPC-A, EAN8, UPC-E, Interleaved 2 of 5, Code 39, Code 128, Code 93, postal codes, RSS, UPU, UCC/EAN-128, Planet
2D code types	Data Matrix, QR code, MicroQR-Code
Code alignment	Omni-directional

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 LEDs (good read)

Acoustic indicators	Beeper, disengageable (good read)
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Mechanics/electronics

Operating voltage	5 V DC
Housing	Polycarbonat, with shock-absorbing rubber strips
Housing color	Red/gray
Enclosure rating	IP 54
Weight	270 g, without cable
Dimensions	134 mm x 84 mm x 175 mm

Ambient data

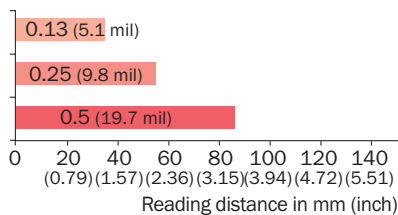
Shock resistance	50 drops from 2 m height on concrete
Ambient operating temperature	0 °C ... +50 °C
Storage temperature	-40 °C ... +70 °C
Permissible relative humidity	95 %, non-condensing

General notes

Life cycle phase	Phased out
Note	For setting-up operation ia a connection cable and if necessary a power supply unit is additionally required.

Reading field diagram

Code resolution in mm (mil)



Recommended accessories

Other models and accessories → www.sick.de/IT6xxx

	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

	Brief description	Model name	Part no.
Plug connectors and cables			
	Head A: male connector, female connector, USB-A Head B: male connector, RJ232, straight Cable: USB, unshielded, 2 m	Connection cable (male connector-male connector)	6033019

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