



IT6300 DPM-LR

IT6xxx

HAND-HELD SCANNERS

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
IT6300 DPM-LR	6035059

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



Detailed technical data

Features

Version	Long Range
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	≥ 0.19 mm
Reading distance	0 mm ... 150 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 over external fieldbus 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)

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 (L x W x H)	134 mm x 84 mm x 175 mm

Ambient data

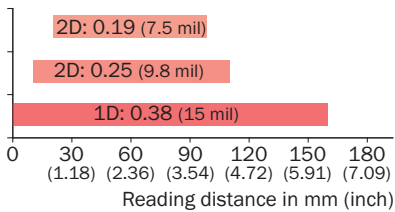
Shock resistance	50 drops from 2 m height on concrete
Ambient operating temperature	0 °C ... +50 °C
Storage temperature	-40 °C ... +70 °C
Permissible relative humidity	95 %, Non-condensing

General notes

Life cycle phase	Discontinued
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.com/IT6xxx

	Brief description	Type	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 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	Type	Part no.
	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

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com