



Hand-held scanners
IT6xxx / IT6300 DPM / industrial / Standard
Range

IT6300 DPM



Model Name > [IT6300 DPM](#)
Part No. > [6032812](#)



At a glance

- Illumination adjustable to application
- Decoding algorithms ideal for direct part marked codes
- USB, RS-232, PS/2 interfaces
- IP 54 enclosure rating

Your benefits

- One device capable of reading various marking technologies
- Low contrast or highly reflective DPM codes are identified reliably
- Rugged, ergonomic design ensures reliability under harsh conditions
- Cordless version provides flexibility

The product has been discontinued. Please contact your SICK sales representative for more information about a replacement product.



Features

Field of application:	Industrial
Version:	Standard Range
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⁾
Reading field (at distance):	60 mm x 60 mm (40 mm)

¹⁾ For details see reading field diagram

Performance

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

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
Bluetooth:	-
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:	134 mm x 84 mm x 175 mm

Ambient data

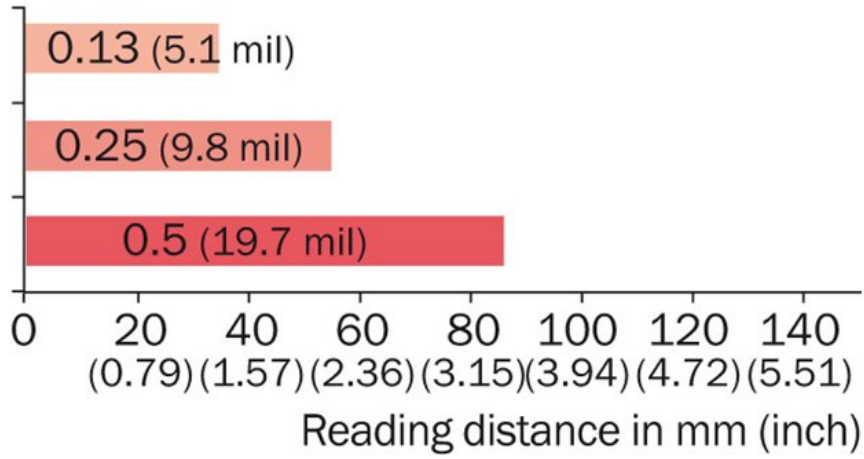
Ambient operating temperature:	0 °C ... +50 °C
Storage temperature:	-40 °C ... +70 °C
Permissible relative humidity:	95 %, non-condensing
Shock resistance:	50 drops From 2 m height on concrete

General notes

Note:	An interface cable and if necessary a power supply unit are additionally required for operation.
Life cycle phase:	Phased out

Reading field diagram

Code resolution in mm (mil)



Australia

Phone +61 3 9457 0600
1800 33 48 02 – 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 marketing@sick.com.br

Canada

Phone +1 905 771 14 44
E-Mail information@sick.com

Česká 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 info@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 +972-4-6881000
E-Mail info@sick-sensors.com

Italia

Phone +39 02 27 43 41
E-Mail info@sick.it

Japan

Phone +81 (0)3 5309 2112
E-Mail support@sick.jp

Magyarország

Phone +36 1 371 2680
E-Mail office@sick.hu

Nederland

Phone +31 (0)30 229 25 44
E-Mail info@sick.nl

Norge

Phone +47 67 81 50 00
E-Mail sick@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 sales.gsg@sick.com

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 88 65 878
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