



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 (at code resolution):	0 mm ... 50 mm (0.25 mm)
Reading field (at distance):	60 mm x 60 mm (40 mm)

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

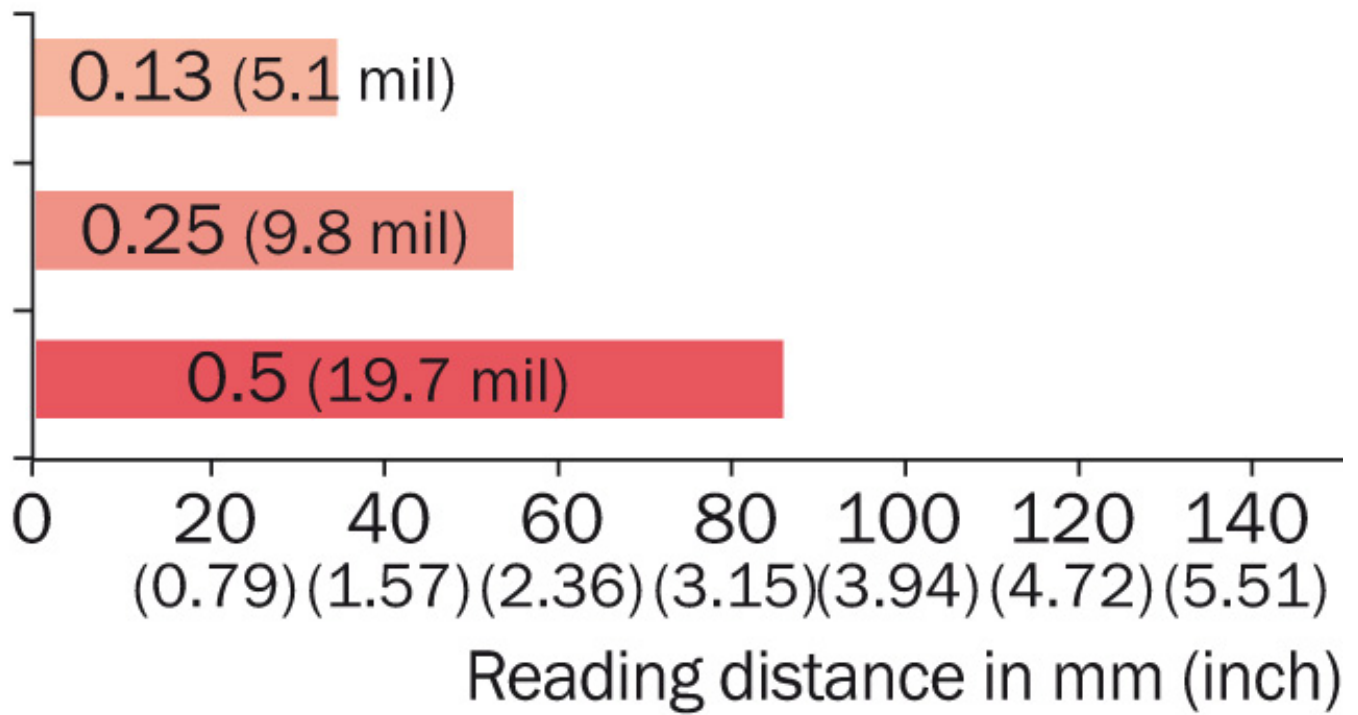
Ambient data

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

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

Code resolution in mm (mil)



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