



Hand-held scanners
IT6xxx / IT6320 DPM / cordless / industrial /
Standard Range

IT6320 DPM



Model Name > [IT6320 DPM](#)
Part No. > [6032814](#)



At a glance

- Cordless, Bluetooth version
- Illumination adjustable to application
- Decoding algorithms ideal for direct part marked codes
- USB, RS-232, PS/2 interfaces
- IP 54 enclosure rating
- Withstands 25 drops from 2 m

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: | Cordless, 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 |

Battery power: 1,600 mAh, max. 57,000 scans, max. 12 h (continuous operation), max. 4 h charging time
Code buffer: 500 Codes (UPC) at 12 characters

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: ✓
Function (Bluetooth): Wireless operating range up to 10 m, batch function for expansion of the wireless radius
Protocol (Bluetooth): Bluetooth™ V1.2 Class 2, 2.4 ... 2.4835 GHz
Optical indicators: 2 LEDs (good read, charge of battery)
Acoustic indicators: Beeper, disengageable (good read, radio connection status)

Mechanics/electronics

Operating voltage: 3.6 V DC ¹⁾
Housing: Polycarbonat, with shock-absorbing rubber strips
Housing color: Red/gray
Enclosure rating: IP 54
Weight: 330 g, incl. rechargeable battery
Dimensions: 134 mm x 84 mm x 175 mm

¹⁾ Rechargeable battery operation

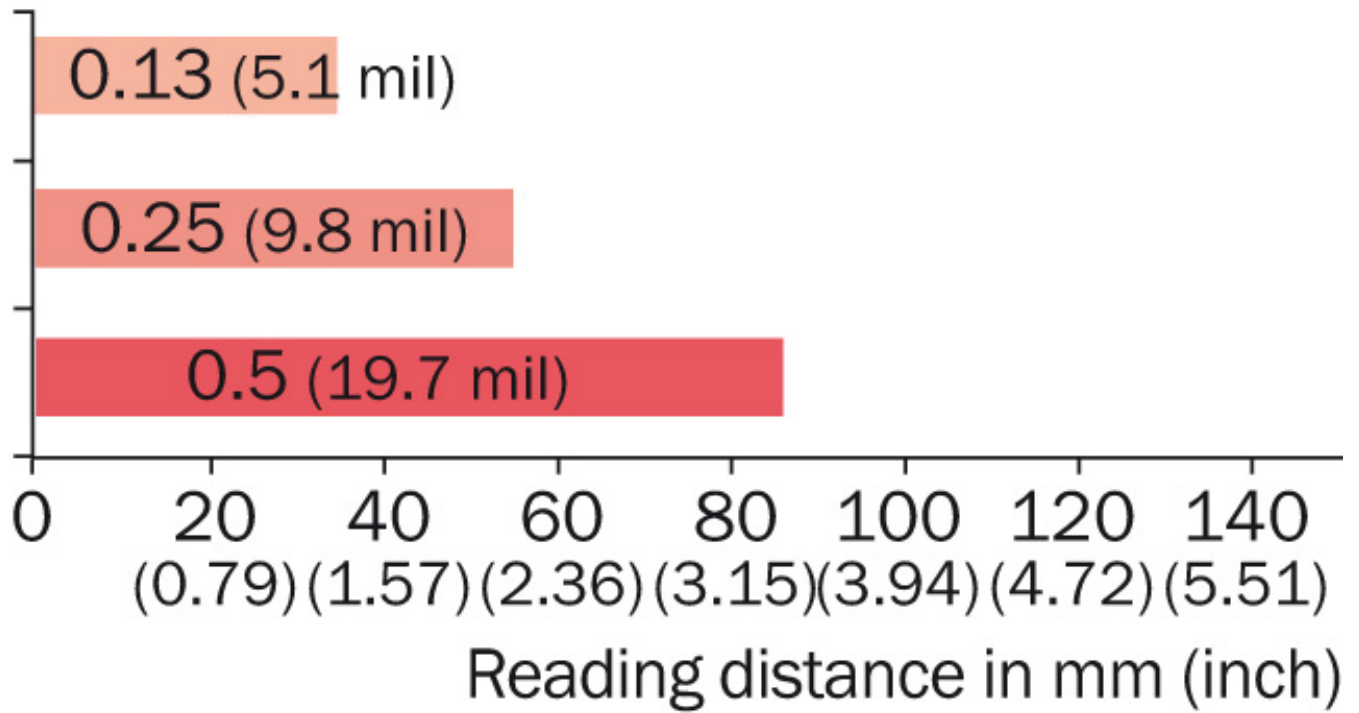
Ambient data

Shock resistance: 25 drops From 2 m height on concrete
Ambient operating temperature: 0 °C ... 50 °C
Storage temperature: -40 °C ... 60 °C
Permissible relative humidity: 95 %, non-condensing

General notes

Note: For operation a base station with power supply and communication cable is additionally required
Life cycle phase: Phased out

Code resolution in mm (mil)



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