



**Hand-held scanners**  
**IDM26x / IDM260 Coded / Industrial / High Density**

IDM260-100H



**Model Name** > **IDM260-100H**  
**Part No.** > **6050655**



**At a glance**

- Identification of all current 1D, stacked, and 2D codes
- Reliable, secure, and fast code reading
- Rugged, stable housing with IP 65 enclosure rating
- Supports all common corded and cordless interfaces as well as industrial fieldbuses via SICK connectivity
- Good read feedback via LED, beeper, and vibration
- Decoding algorithms ideal for direct part marked codes (depending on type)

**Your benefits**

- Only one device for a wide range of different code types
- Fast and accurate identification without manual data entry
- Highly reliable thanks to industrial enclosure rating and rugged housing
- Simple and flexible integration in industrial fieldbus networks using SICK connectors
- Simple, intuitive operation thanks to multiple read confirmation
- Direct expert advice all over the world from the SICK sales and service network
- Low contrast or highly reflective DPM codes are identified reliably



**Features**

Field of application:	Industrial
Version:	High Density
Scanner design:	2D code hand-held scanner
Light source:	Lighting LEDs: visible red light (630 nm) aiming laser: visible red light (630 nm)
Code resolution::	≥0.08 mm, ≥0.13 mm <sup>1) 2)</sup>
Reading distance:	30 mm ... 160 mm <sup>3)</sup>
Scanning frequency:	60 Hz

<sup>1)</sup> Valid for Code 39 <sup>2)</sup> Valid for Data Matrix code <sup>3)</sup> For details see reading field diagram

**Performance**

Supported code type:	1D, 2D, Stacked
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Bar code types:	Australian Post, China Post, German Post, US Planet, US Postnet, British Post, Intelligent Mail, Japan Post, Korean Post, Dutch KIX Post, Codabar, Code 11, Code 128, Code 32, Code 39, Code 39 Trioptic, Code 93, GS1 DataBar, GS1-128/EAN 128, IATA, Interleaved 2 of 5, Matrix 2 of 5, MSI/Plessey, Standard and Industrial 2 of 5, Telepen, UK/Plessey, UPC/EAN/JAN (with addition)
2D code types:	Aztec, Data Matrix, MaxiCode, MicroQR-Code, QR code
Stacked code types:	Codablock, Code 16K, Code 49, Composite, MicroPDF417, PDF417

## Interfaces

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Serial:	✓
Function (serial):	RS-232 TTL
Ethernet:	✓
Protocol (Ethernet):	TCP/IP (optional via external connection module CDM + CMF), PROFINET (optional via external connection module CDF600-2), EtherCAT (optional via external connection module CDF600)
Remark (Ethernet):	Optional via external connection or fieldbus module
PROFIBUS DP:	✓
Remark (PROFIBUS DP):	Optional via external connection module (CDF600-2)
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:	2 LEDs (operational status, good read)
Acoustic indicators:	Beeper, disengageable
Vibration:	Yes
Configuration software:	IDM Setup Tool

## Mechanics/electronics

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Operating voltage:	5 V DC± 5 %
Power consumption:	Operation (vibration activated): ≤ 335 mA, Operation (vibration deactivated): ≤ 285 mA, Standby: ≤ 150 mA
Housing color:	Blue, gray
Enclosure rating:	IP 65
Weight:	208 g, without cable
Dimensions:	104 mm x 76.3 mm x 176 mm

## Ambient data

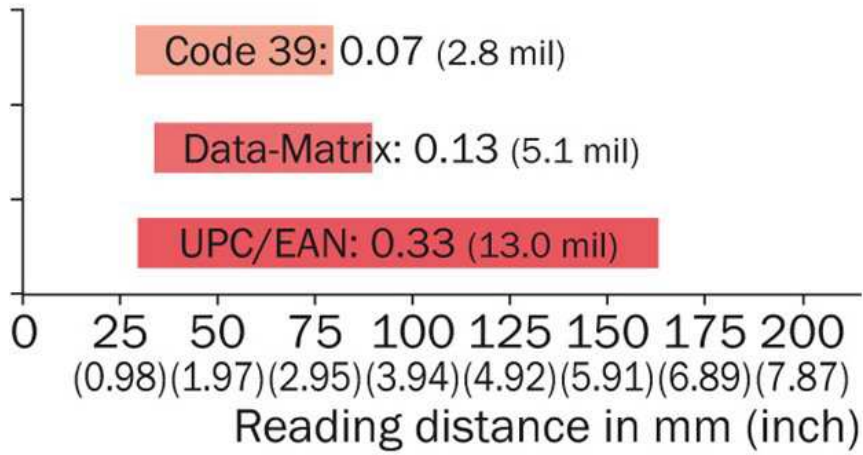
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Ambient operating temperature:	-20 °C ... +50 °C
Storage temperature:	-40 °C ... +70 °C
Permissible relative humidity:	95 %, non-condensing
Shock resistance:	50 drops From 2 m height on concrete
Ambient light immunity:	100,000 lx

Reading field diagram

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Code resolution in mm (mil)



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