



Hand-held scanners IDM260 / IDM260 Corded / industrial / High Density

IDM260-1H



Model Name > [IDM260-1H](#)
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 standard interfaces and industrial field buses using SICK connectors
- Good read feedback via LED, beeper, and vibration

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



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 ^{1) 2)}
Reading distance (at code resolution):	35 mm ... 90 mm (0.13 mm) ³⁾
Scanning frequency:	60 Hz

¹⁾ Valid for Code 39 ²⁾ Valid for Data Matrix code

Performance

Supported code type:	1D, 2D, Stacked
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, MicroQR-Code, QR code

Interfaces

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)
CAN bus:	-
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
Optical indicators:	2 LEDs (operational status, good read)
Acoustic indicators:	Beeper, disengageable
Vibration:	Yes

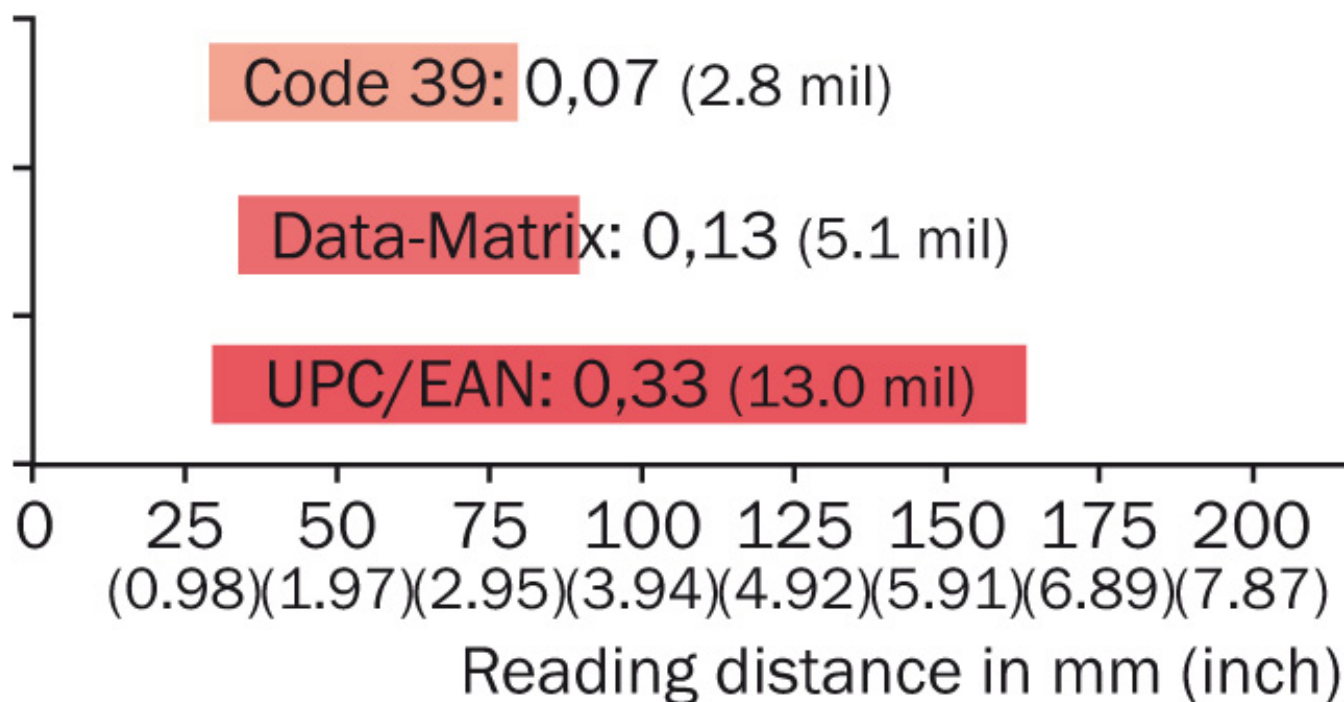
Mechanics/electronics

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

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

Code resolution in mm (mil)



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