



Hand-held scanners
IDM14x / IDM141 Bluetooth / General Purpose /
Standard Range

IDM140-2BT



Model Name > [IDM140-2BT](#)
Part No. > [6036729](#)



At a glance

- Bluetooth wireless version for cordless applications with up to 30 m operating distance and integrated code buffer for code reading beyond 30 m
- Fast and reliable decoding even on poorly printed or partly damaged codes
- Large depth of field and reading distances of up to 600 mm
- Scan rate up to 500 scans/second
- Identification of codes with 0.076 mm module width
- Identification of all popular 1D codes, with PDF version also stacked codes

Your benefits

- Reliable identification reduces the need to manually input data
- High scanning speeds and aggressive reading performance increase productivity
- Highly dependable thanks to rugged housing and non-moving parts
- Its ergonomic design makes handling convenient and comfortable
- Greater flexibility - no cables
- One scanner reads standard range, high density and stacked codes



Features

Field of application:	General Purpose
Version:	Standard Range
Scanner design:	1D code hand-held scanner
Light source:	Visible red light (630 nm)
Code resolution:	≥0.076 mm
Reading distance:	50 mm ... 600 mm ¹⁾
Scanning frequency:	≤ 500 Hz

¹⁾ For details see reading field diagram

Performance

Supported code type:	1D
Bar code types:	Codabar, Code 11, Code 128, Code 32, Code 39, Code 93, German ITF Postal Code, Interleaved & Matrix 2 of 5, Limited/Expanded GS1 DataBar, Mainland China Postal Code, MSI/Plessey, Standard and Industrial 2 of 5, Telepen, UCC/EAN-128, UK/Plessey, UPC-A, UPC-E
Battery power:	Over 45,000 scans with full battery
Code buffer:	5,000 Codes (EAN)

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), EtherCAT (optional via external connection module CDF600)
Remark (Ethernet):	Optional via external connection or fieldbus module
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 30 m (free view), batch function for expansion of the wireless radius, up to seven scanners communicate with one base station
Protocol (Bluetooth):	Bluetooth™ V2.1 EDR, 2.4 ... 2.4835 GHz
Optical indicators:	2 LEDs (good read, charge of battery , radio connection status)
Acoustic indicators:	Beeper, disengageable (good read)
Vibration:	No
Configuration software:	IDM Setup Tool

Mechanics/electronics

Operating voltage:	5 V± 5 %
Power consumption:	Operation: typ. 180 mA, Standby: typ. 80 mA
Housing color:	Black/gray
Enclosure rating:	IP 41
Weight:	230 g, incl. rechargeable battery
Dimensions:	97.8 mm x 70.5 mm x 156.2 mm

Ambient data

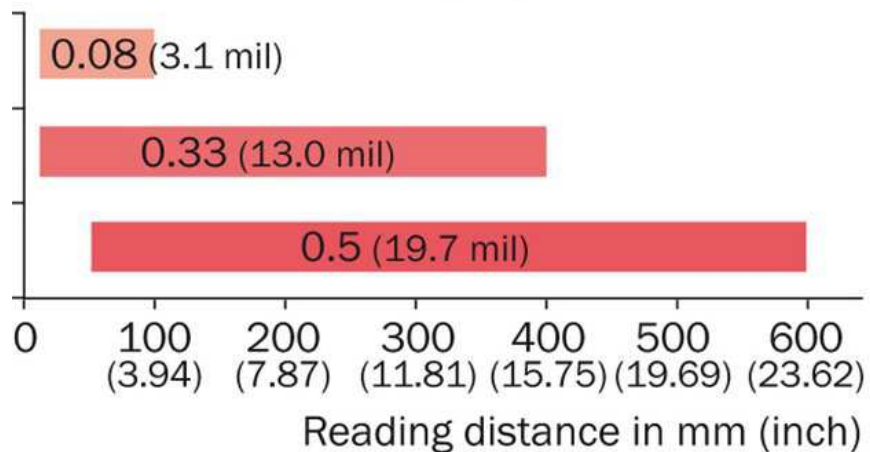
Ambient operating temperature:	0 °C ... +50 °C
Storage temperature:	-40 °C ... +70 °C
Permissible relative humidity:	± 95 %, non-condensing
Shock resistance:	25 drops From 1.8 m height on concrete
Ambient light immunity:	100,000 lx

General notes

Items supplied:	The battery is included in delivery
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Reading field diagram

Code resolution in mm (mil)



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