



Hand-held scanners
IT4xxx / IT4800i / industrial / Short Range

IT4800i SF 031CE



Model Name > [IT4800i SF 031CE](#)
Part No. > [6028634](#)



At a glance

- Withstands 50 drops from 2 m
- IP 54 enclosure rating
- Reads 1D, stacked and 2D codes as well as OCR-A and OCR-B
- Reading distances up to 330 mm
- Green LED displays reading area

Your benefits

- Reliable identification of 1D, stacked, 2D codes, OCR-A, OCR-B and image capture
- High productivity thanks to quick decoding and easy handling
- Highly dependable thanks to rugged housing and non-moving parts
- Intuitive scanning thanks to omni-directional code capture
- Lightweight, ergonomic design ensures user comfort
- Corded and cordless versions provide greater flexibility



Features

Field of application:	Industrial
Version:	Short Range
Scanner design:	2D code hand-held scanner
Light source:	Visible green light (530 nm, Aiming LED), Visible red light (630 nm)
Sensor:	752 x 480 px
Code resolution::	≥0.19 mm, ≥0.25 mm ^{1) 2)}
Reading distance (at code resolution):	50 mm ... 230 mm (0.33 mm)
Reading field (at distance):	110 mm x 70 mm (150 mm)

¹⁾ 1D ²⁾ 2D

Performance

Supported code type:	1D, 2D, Stacked
Bar code types:	Codabar, Code 128, Code 39, Code 93, Interleaved 2 of 5, RSS, UPC/GTIN/EAN
2D code types:	Aztec, Aztec Mesas, Data Matrix, MaxiCode, QR code
Code alignment:	Omni-directional
Horizontal motion tolerance:	≤ 50 cm/s
OCR fonts:	OCR-A, OCR-B

Interfaces

Serial:	✓
Function (Serial):	RS-232 TRUE
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:	-
USB:	-
Optical indicators:	1 LED (good read)
Acoustic indicators:	Beeper, disengageable (good read)

Mechanics/electronics

Operating voltage:	4.5 V DC ... 14 V DC
Housing:	Polycarbonat, UL 94V0
Enclosure rating:	IP 54
Weight:	185 g, without cable
Dimensions:	163 mm x 135 mm x 81 mm

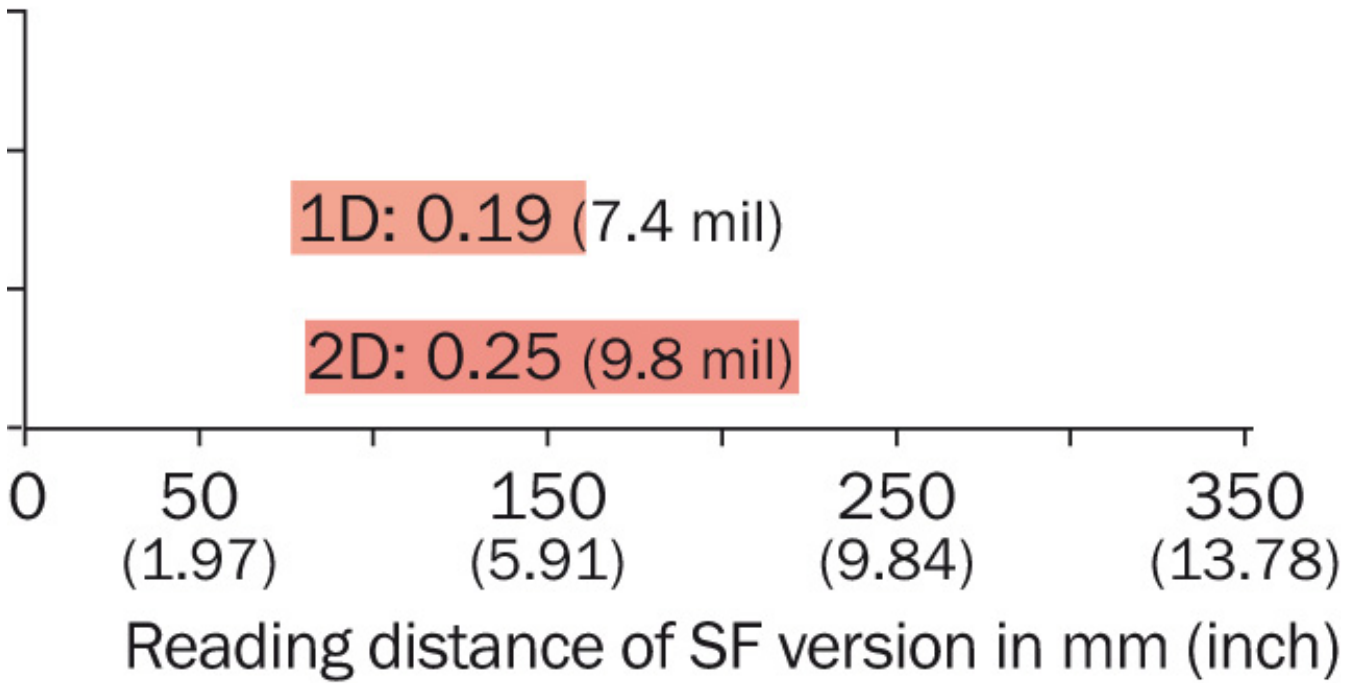
Ambient data

Shock resistance:	50 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
Ambient light safety:	100,000 lx, max. on bar code

General notes

Note:	An interface cable and if necessary a power supply unit are additionally required for operation.
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Code resolution in mm (mil)



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