



Hand-held scanners
IT3xxx / IT3800i / industrial / Mid Range

IT3800i SR 050E



Model Name > [IT3800i SR 050E](#)
Part No. > [6028181](#)



At a glance

- High level of reliability thanks to its rugged housing and non-moving parts
- Fast and reliable decoding even on poorly printed or partly damaged codes
- Scan rate up to 270 scans/second
- Reading distance up to 2 m (depending on code resolution)
- Withstands 50 drops from 2 m
- Highly visible scan line
- IP 54 enclosure rating

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
- A range of versions provide flexibility for use in varied applications

The product has been discontinued. Please follow the "replacement product" link for information about alternative products.



Features

Field of application:	Industrial
Version:	Mid Range
Scanner design:	1D code hand-held scanner
Light source:	Visible red light (630 nm)
Code resolution:	≥0.19 mm
Reading distance:	40 mm ... 2,080 mm ¹⁾
Reading field (at distance):	250 mm (380 mm)
Scanning frequency:	≤ 270 Hz

¹⁾ For details see reading field diagram

Performance

Supported code type:	1D
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Bar code types:

China Postal Code, Codabar, Code 11, Code 128, Code 2 of 5, Code 39 including PARAF, Code 93, EAN/JAN, Interleaved 2 of 5, Matrix 2 of 5, RSS, UPC/GTIN/EAN

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
Optical indicators:	1 LED (good read)
Acoustic indicators:	Beeper, disengageable (to confirm reading)

Mechanics/electronics

Operating voltage:	4.5 V DC ... 14 V DC
Enclosure rating:	IP 54
Weight:	213 g
Dimensions:	163 mm x 135 mm x 81 mm

Ambient data

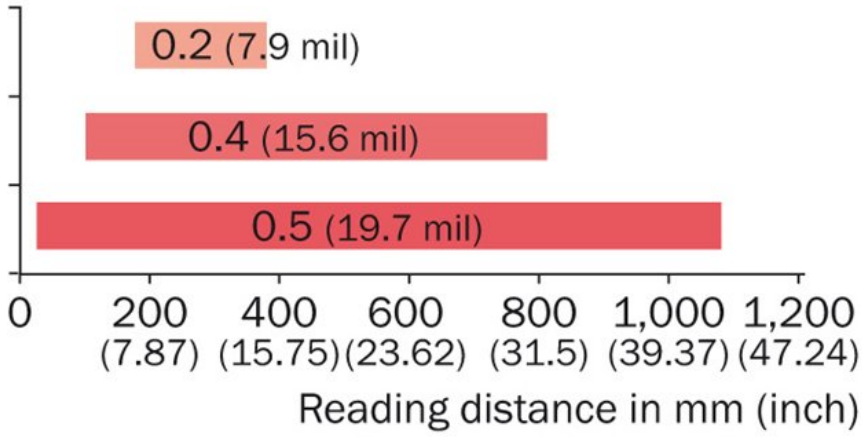
Ambient operating temperature:	0 °C ... +50 °C
Storage temperature:	-40 °C ... +60 °C
Permissible relative humidity:	± 95 %, non-condensing
Bar code print contrast (PCS):	≥ 20 %
Shock resistance:	50 drops From 2 m height on concrete
Ambient light safety:	70,000 lx, on bar code

General notes

Note:	An interface cable and if necessary a power supply unit are additionally required for operation.
Life cycle phase:	Phased out

Reading field diagram

Code resolution in mm (mil)



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