



Hand-held scanners IT3xxx / IT3820 / cordless / Standard Range

IT3820 SR 0C0BE



Model Name > **IT3820 SR 0C0BE**
Part No. > **6029311**



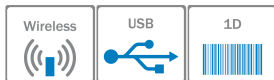
At a glance

- Bluetooth wireless version for cordless applications with up to 10 m operating distance and integrated code buffer for code reading beyond 10 m
- Fast and reliable decoding even on poorly printed or partly damaged codes
- Scan rate up to 270 scans/second
- Reading distance up to 1.1 m
- Cordless scanners are equipped with Li-Ion batteries
- Withstands 50 drops from 1.8 m
- Highly visible scan line
- IP 41 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
- Greater flexibility - no cables

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



Features

Field of application:	Cordless
Version:	Standard Range
Scanner design:	1D code hand-held scanner
Light source:	Visible red light (630 nm)
Code resolution:	≥0.127 mm
Reading distance (at code resolution):	64 mm ... 1,110 mm (1.4 mm)
Reading field (at distance):	250 mm (400 mm)
Scanning frequency:	≤ 270 Hz

Performance

Supported code type:	1D
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Bar code types:	China Post, Codabar, Codablock F, Code 11, Code 128, Code 2 of 5, Code 32 Pharmaceutical (PARAF), Code 39, Code 39 Trioptic, Coupon Code, EAN/JAN, GS1 DataBar, IATA Code 2 of 5, Interleaved 2 of 5, Korea Post, Matrix 2 of 5, MSI, Plessey Code, PosiCode, Telepen, UPC-A, UPC-E
Battery power:	1,800 mAh, max. 57,000 scans, max. 20 h (standby), max. 16 h (continuous operation), max. 4 h charging time
Code buffer:	500 Codes (UPC) at 12 characters

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
Bluetooth:	✓
Function (Bluetooth):	Wireless operating range up to 10 m, batch function for expansion of the wireless radius
Protocol (Bluetooth):	Bluetooth™ V1.2 Class 2, 2.4 ... 2.4835 GHz
Optical indicators:	1 LED (good read, charge of battery, radio connection status)
Acoustic indicators:	Beeper, disengageable (to confirm reading)

Mechanics/electronics

Operating voltage:	3.6 V DC ¹⁾
Enclosure rating:	IP 41
Weight:	260 g, incl. rechargeable battery
Dimensions:	157 mm x 135 mm x 81 mm

¹⁾ Rechargeable battery operation

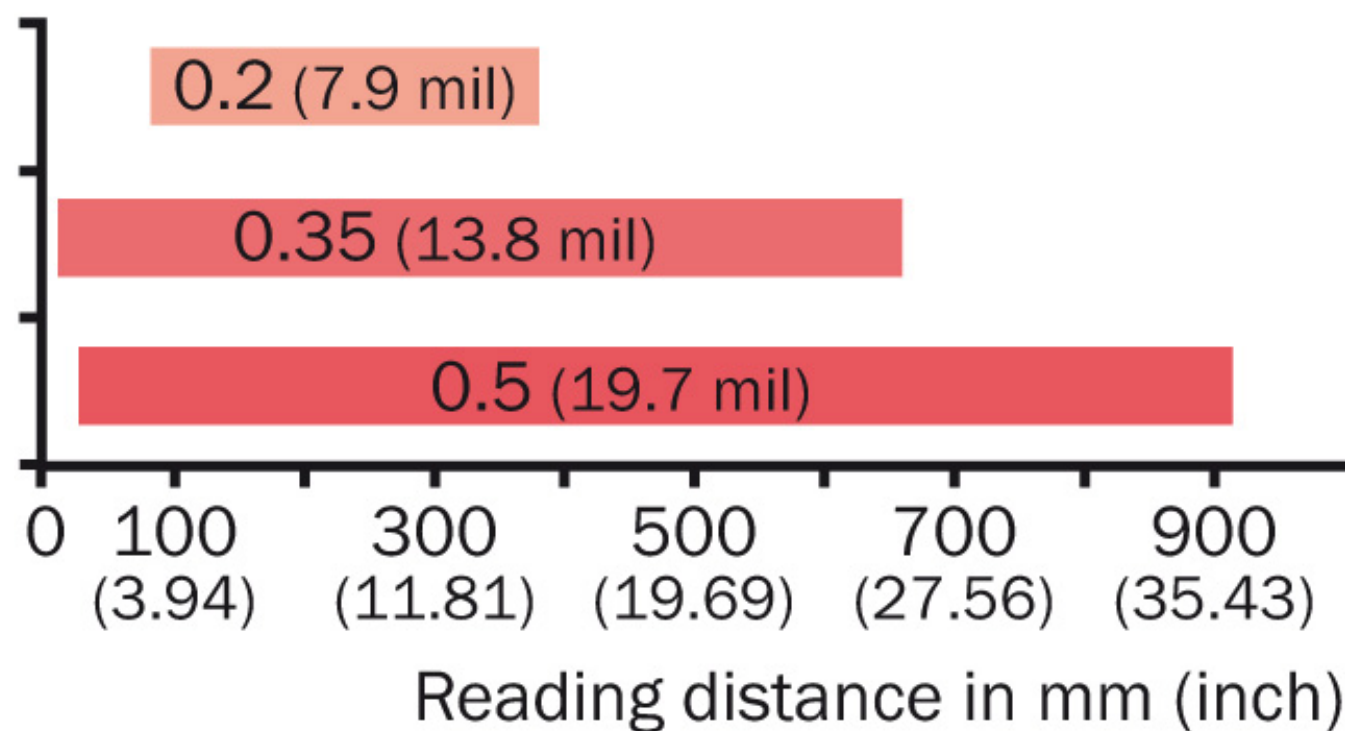
Ambient data

Shock resistance:	50 drops From 1.8 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:	70,000 lx, on bar code
Bar code print contrast (PCS):	≥ 20 %

General notes

Note:	For operation a base station with power supply and communication cable is additionally required
Life cycle phase:	Phased out

Code resolution in mm (mil)



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