

The new performance class for explosion-hazardous area

**Intrinsically safe
handheld scanner**

SD 160II^{ex}

SD 260II^{ex} 3rd



Zone 2/22



- Read feedback with visual and acoustic signal
- High-speed scans
- Optional stacked PDF barcodes
- Optional 1D and 2D version



Highlights

- Read feedback with vibration, acoustic and optical signal
- High-speed scans with up to 500 scans/second
- Solid, impact resistance
- Optional stacked PDF barcodes
- Optional 1D and 2D version

Description

The high-class and solid hand-held scanners from Sigmann DELTA with their newly developed features are perfect for industrial use in hazardous areas.

A high scan-frequency and the possibility of fast following scans make the scanners very efficient.

The large reading distance and the wide scan line ensure that hard-to-reach locations can be read.

An intuitive read feedback is possible in noisy industrial area because of a LED, beeper and vibration signal.

Because of their shockproof casing, the scanners withstand fifty drops from a height of two meters without damage.

Required accessories:

+Compatible supply cable



More Information about individual combination options on request.

Scan data

Scanner version

- 1D Linear-Imager
- 2D Two-dimensional-Imager

Light source

Visible red light (630 nm)

Decoding-frequency

- 1D 500 Hz
- 2D 60 Hz

Reading distance

- 1D 20 mm to 850 mm
- 2D 30 mm to 380 mm

Depending on type

Ambient light resistance

100.000 lx

Optical signal

- 2 LEDs
- (Operation status, read feedback)

Acoustic signal

Beeper, Vibration signal

Technical data

Protection class

IP 65

Ambient temperature

-20 °C to +50 °C

Allowable humidity

± 95 %, no condensing

Dimensions

104 mm x 76 mm x 185 mm

Weight

200g, without cable

Impact resistance

50 drops from 2 m height to concrete

Maximum input voltage

U= 6,5V

with supply cable
SDUSBII^{ex} / SDRS232II^{ex}

Explosion protection

Protection type

SD.122.0000.0X

- ⊕ II 3G Ex ic IIC T4 Gc
- ⊕ II 3D Ex ic IIIC T135°C Dc

SD.123.0000.00

- ⊕ II 3G Ex ic IIB T4 Gc
- ⊕ II 3D Ex ic IIIC T135°C Dc

Certification

IBExU 14 ATEX B012 X
IECEX IBE 19.0020 X

Interface

Supply Cable Version

- RS-232
- USB

Selection chart

Typenumber:

1D Version

SD.122.0000.00

1D Stacked PDF Version

SD.122.0000.01

2D Version

SD.123.0000.00