



**The new performance class
for explosion-hazardous area**

**Intrinsically safe
handheld scanner**

SD164^{ex}

SD264^{ex}



- **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 power supply
- + Compatible data 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 400 mm

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 176 mm

Weight

208g, without cable

Impact resistance

50 drops from 2 m height to concrete

Operating voltage

U=4,9V
supply via corresponding power supply SDVM125^{ex}

Explosion protection

Protection type

SD.11D.0000.01

- II 2G Ex ib IIB T4 Gb
- II 2D Ex ib IIIC T135°C Db

SD.11E.0000.00

- II 2G Ex ib op is IIB T4 Gb
- II 2D Ex ib op is IIIC T135°C Db

Certification

IBExU 12 ATEX 1120
IECEX IBE 15.0016

Selection chart

Typenumber:

1D Stacked PDF version
SD.11D.0000.01

2D Version
SD.11E.0000.00

SDVM125^{ex} Power Supply
SD.211.***.1.00

Interface

1D Stacked PDF Version

RS-232 / RS-422 or USB

2D Version

RS-232 / RS-422 or USB

Depends on chosen data cable and power supply.