



IDM240-311S USB Kit

IDM

MOBILE HANDHELD SCANNERS

SICK
Sensor Intelligence.



Ordering information

Type	part no.
IDM240-311S USB Kit	6068390

Included in delivery: IDM240-311S (1)

Other models and accessories → www.sick.com/IDM

Detailed technical data

Features

Application	Standard application
Scanner design	Cable connection variant
Sensor resolution	1,280 px x 800 px
Light source	LED, Visible, Red, 660 nm
Alignment aid	LED, Red, 630 nm
Reading distance	30 mm ... 400 mm
Code resolution	≥ 0.07 mm ¹⁾ ≥ 0.13 mm ²⁾

¹⁾ Valid for Code 39.

²⁾ Valid for Data Matrix code.

Mechanics/electronics

Supply voltage	5 V DC, ± 10 %
Current consumption	Operation: 395 mA Standby: 220 mA
Housing color	Black, Gray
Enclosure rating	IP42
Weight	152 g, without cable
Dimensions (L x W x H)	95 mm x 70.5 mm x 161.7 mm
MTBF	100,000 h

Performance

Readable code structures	1D codes, 2D codes, Stacked
Bar code types	Codabar, Code 39, Interleaved 2 of 5, Code 93, Code 128, UPC / GTIN / EAN, RSS, Australian Post, China Post, German Post, US Planet, US Postnet, British Post, Intelligent Mail, Japan Post, Korean Post, Dutch KIX Post
2D code types	Data Matrix, QR code, MicroQR-Code, Aztec, MaxiCode
Stacked code types	PDF417, MicroPDF417, Code 49, Code 16K, Composite, Codablock F

Interfaces

USB	✓
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	Function	Keyboard wedge, COM-Port emulation
Optical indicators		2 LEDs (operational status, good read)
Acoustic indicators		Beeper, can be switched off
Vibration		No
Configuration software		IDM Setup Tool

Ambient data

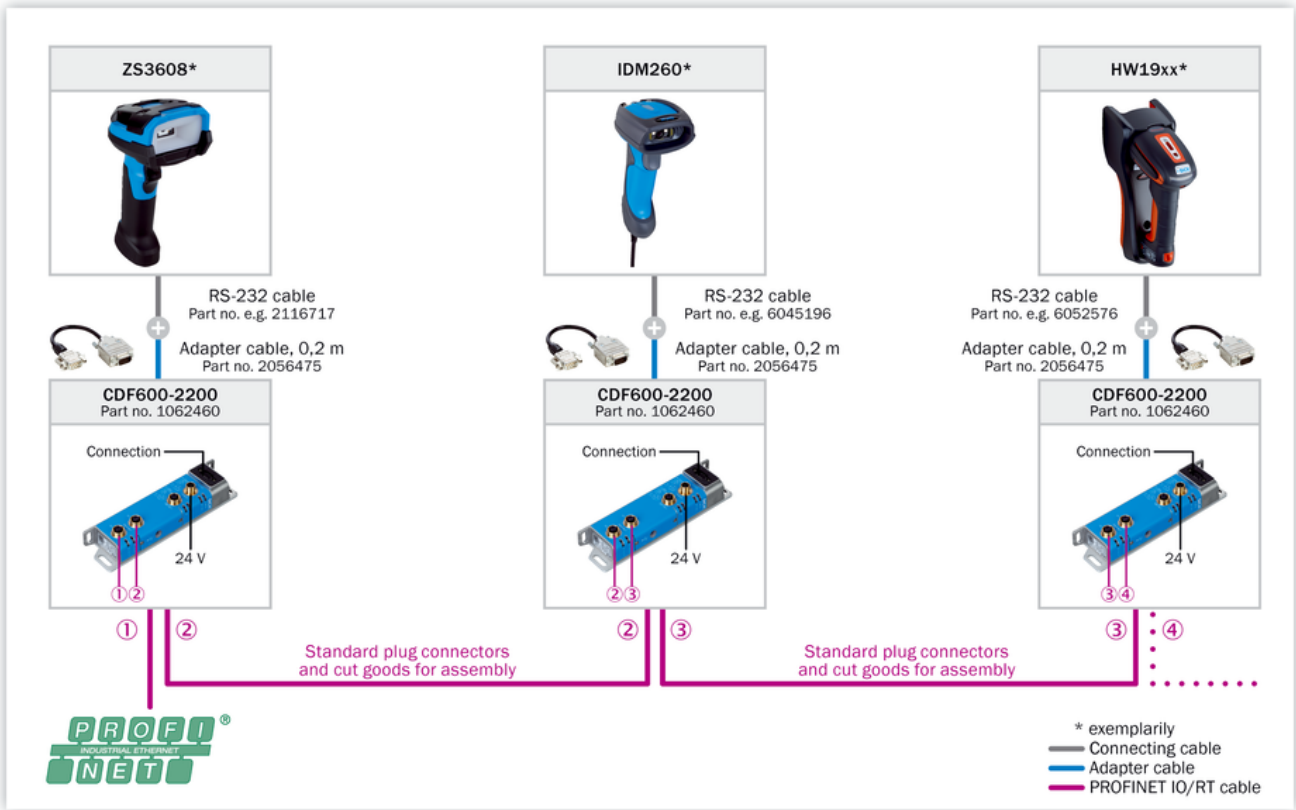
Shock resistance	25 drops from 1.8 m height on concrete
Ambient operating temperature	-10 °C ... +50 °C
Storage temperature	-40 °C ... +70 °C
Relative humidity	95 %, Non-condensing
Ambient light immunity	100,000 lx

Classifications

ECLASS 5.0	27280101
ECLASS 5.1.4	27280101
ECLASS 6.0	27280101
ECLASS 6.2	27280101
ECLASS 7.0	27280101
ECLASS 8.0	27280101
ECLASS 8.1	27280101
ECLASS 9.0	27280101
ECLASS 10.0	27280101
ECLASS 11.0	27280101
ECLASS 12.0	27280101
ETIM 5.0	EC002550
ETIM 6.0	EC002550
ETIM 7.0	EC002550
ETIM 8.0	EC002550
UNSPSC 16.0901	43211701

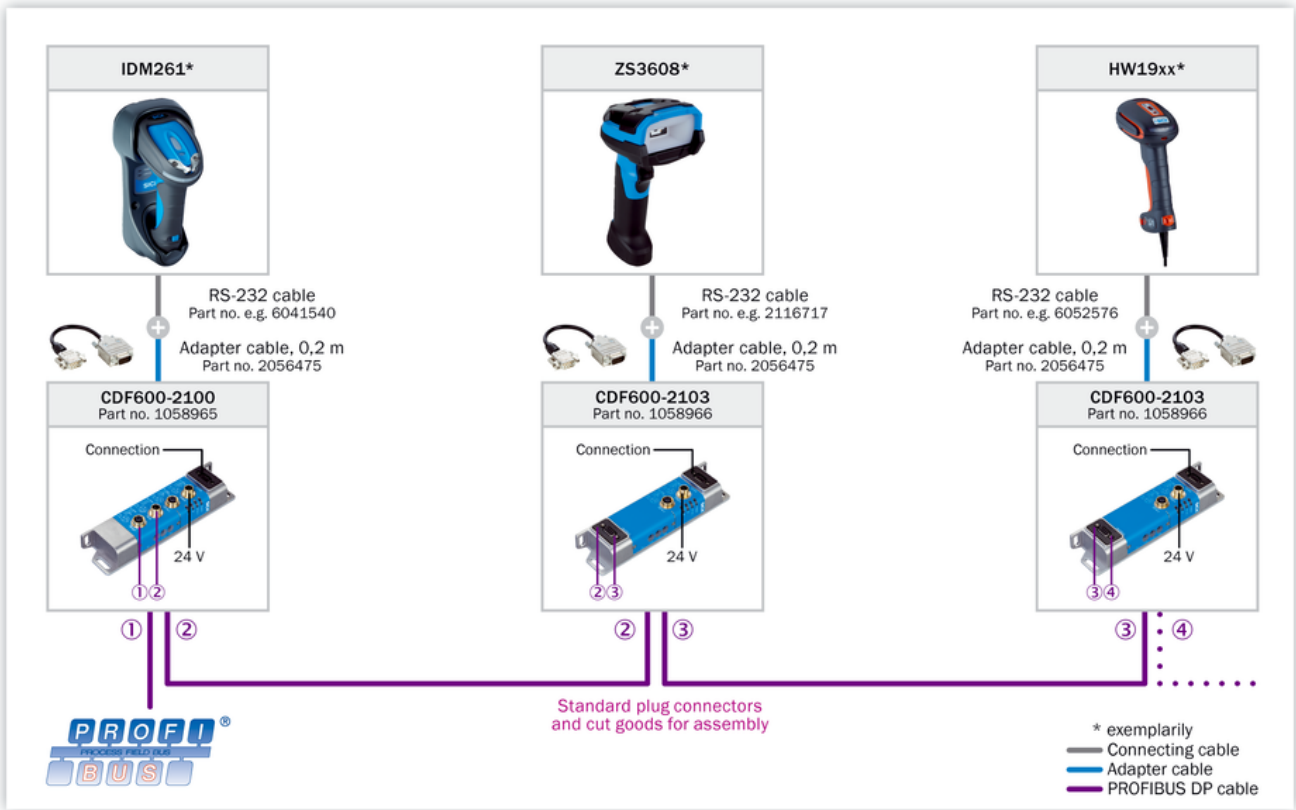
Connection diagram PROFINET IO/RT

PROFINET IO/RT



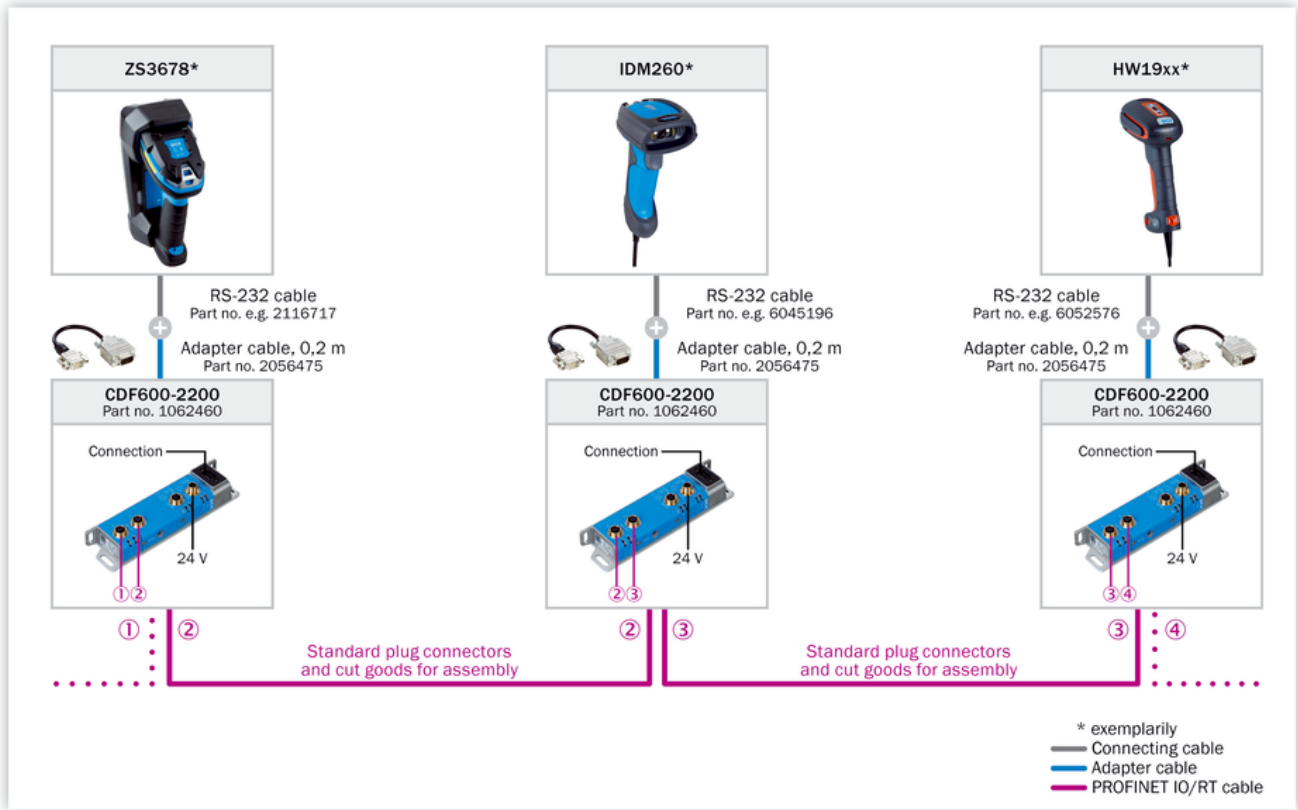
Connection diagram PROFIBUS DP

PROFIBUS DP



Connection diagram Ethernet TCP/IP

Ethernet TCP/IP



Connection diagram EtherCAT®

EtherCAT®



Connection diagram AUX looping

Looping-in via AUX





Selection Guide



*) For EtherNet/IP third party gateway is required from e.g. Comtrol or HMS (requires local sourcing).

Recommended accessories

Other models and accessories → www.sick.com/IDM

	Brief description	Type	part no.
Mounting systems			
	<ul style="list-style-type: none">• Description: Desk holder	Table mount	6045192
	<ul style="list-style-type: none">• Description: Tripod mount	Stand mount	6036724

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com