



IDM140-411S USB Kit

IDM

MOBILE HANDHELD SCANNERS

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
IDM140-411S USB Kit	6080730

Included in delivery: IDM140-411S (1), Connection cable (1)

Should you require further technical data, this can be found with the single scanner and the other parts of the kit.

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



Detailed technical data

Features

Version	Standard Range
Application	Standard application
Scanner design	Cable connection variant
Light source	LED, Visible, Red, 630 nm
Reading distance	20 mm ... 850 mm ¹⁾
Scanning frequency	≤ 500 Hz
Code resolution	≥ 0.076 mm

¹⁾ For details see reading field diagram.

Mechanics/electronics

Supply voltage	5 V DC, ± 10 %
Current consumption	Operation: 180 mA Standby: 80 mA
Housing color	Black/gray
Enclosure rating	IP52
Weight	157 g, without cable
Dimensions (L x W x H)	98 mm x 71 mm x 157 mm

Performance

Readable code structures	1D codes, Stacked
Bar code types	Code 128, GS1-128, UPC-A, EAN13, Codabar, Code 39, Code 32, Code 93, Standard and Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, China Postal Code, German Postal Code, IA-TA, Code 11, MSI/Plessey, UK/Plessey, Telepen, GS1 DataBar, UPC-E, EAN-8, Code 39 Trioptic, UCC Coupon Extended Code, Chinese Sensible Code, Australian Post, British Post, Intelligent Mail (USPS 4CB/One Code), Japan Post, Netherlands KIX Post, US Planet, US Postnet
Stacked code types	PDF417, MicroPDF417, Codablock F, Composite

Interfaces

USB	✓
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
Permissible relative humidity	± 95 %, Non-condensing
Ambient light immunity	100,000 lx

General notes

Note	Not free of paint wetting impairment substances.
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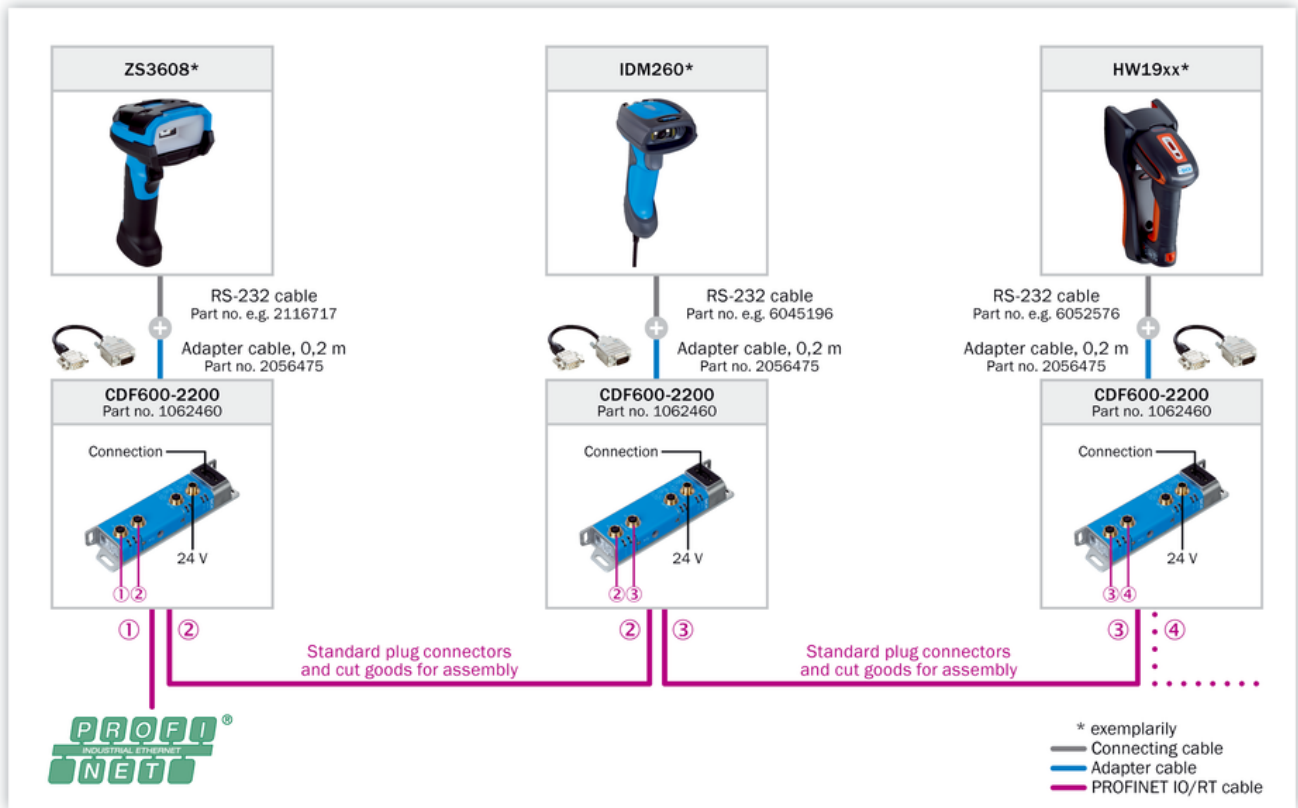
Classifications

eCl@ss 5.0	27280101
eCl@ss 5.1.4	27280101
eCl@ss 6.0	27280101
eCl@ss 6.2	27280101
eCl@ss 7.0	27280101
eCl@ss 8.0	27280101
eCl@ss 8.1	27280101
eCl@ss 9.0	27280101
eCl@ss 10.0	27280101
eCl@ss 11.0	27280101
eCl@ss 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

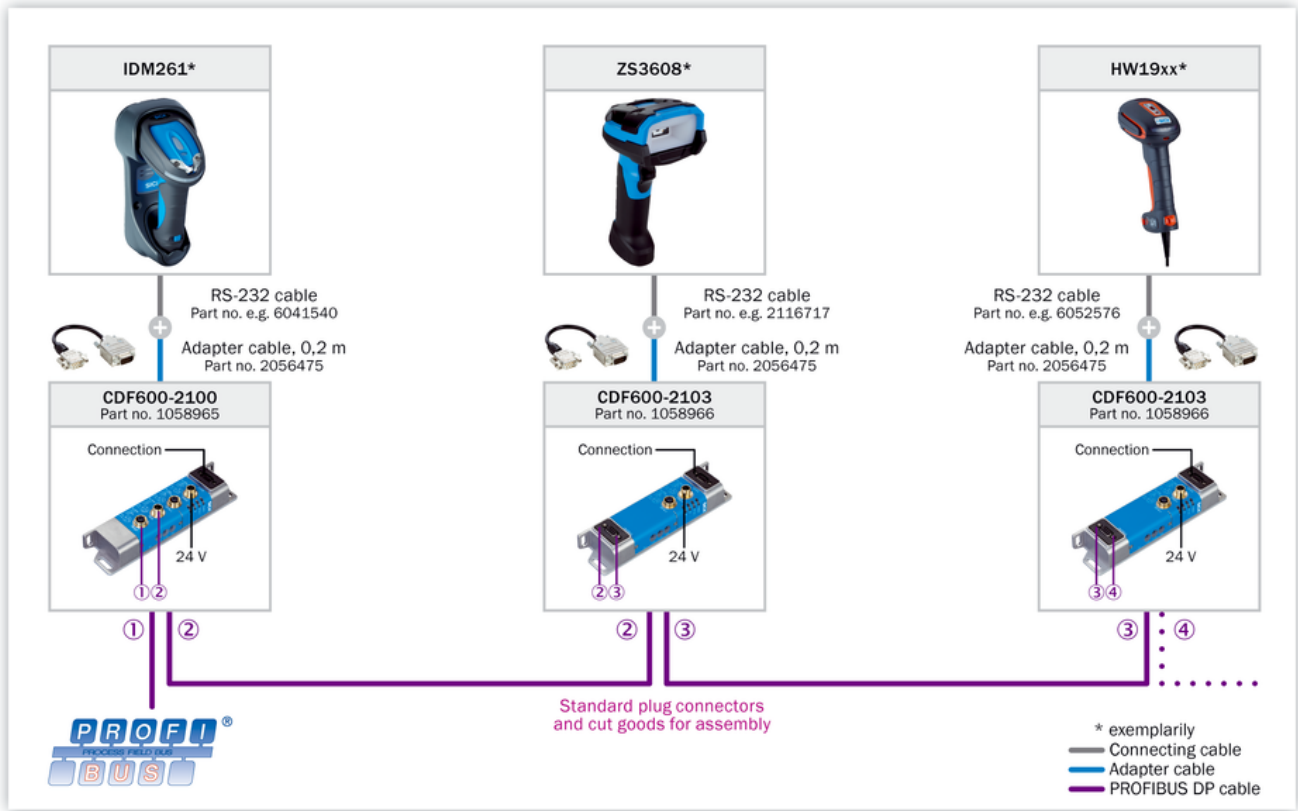
PROFINET IO/RT

PROFINET IO/RT



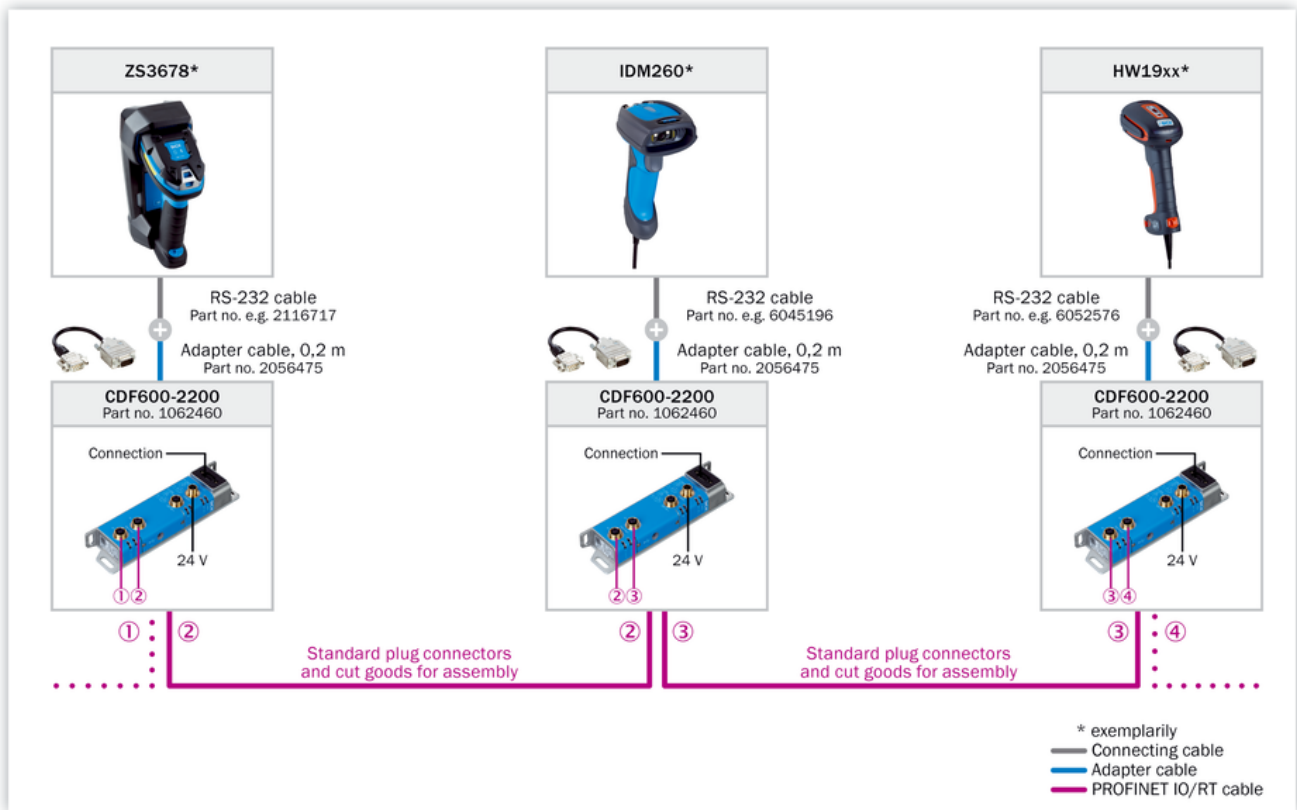
PROFIBUS DP

PROFIBUS DP



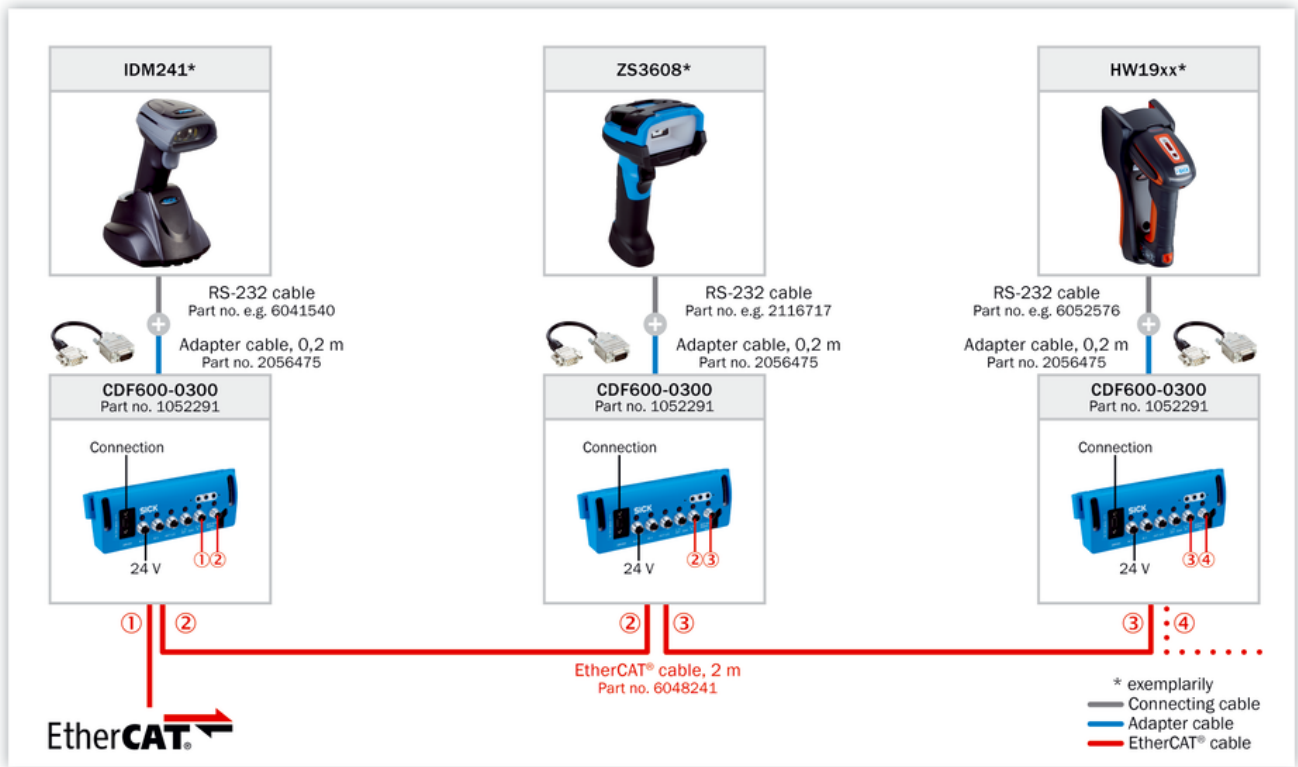
Ethernet TCP/IP

Ethernet TCP/IP



EtherCAT®

EtherCAT®



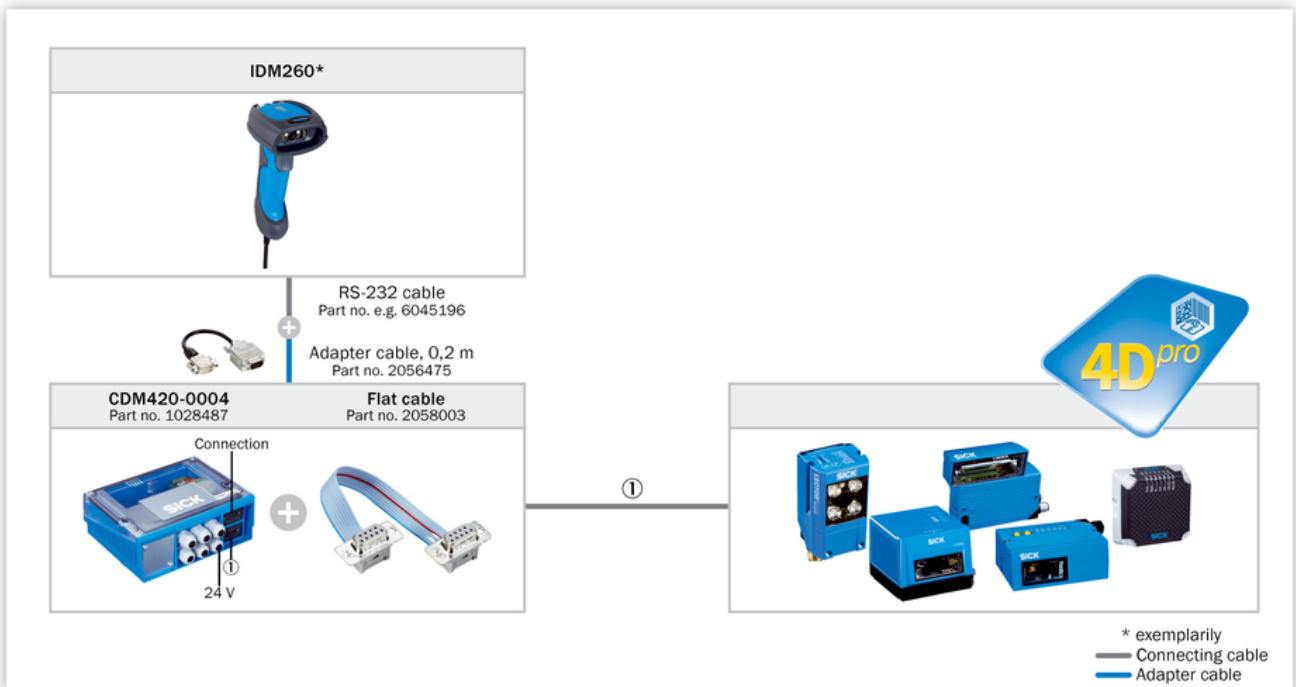
DeviceNet™

DeviceNet™



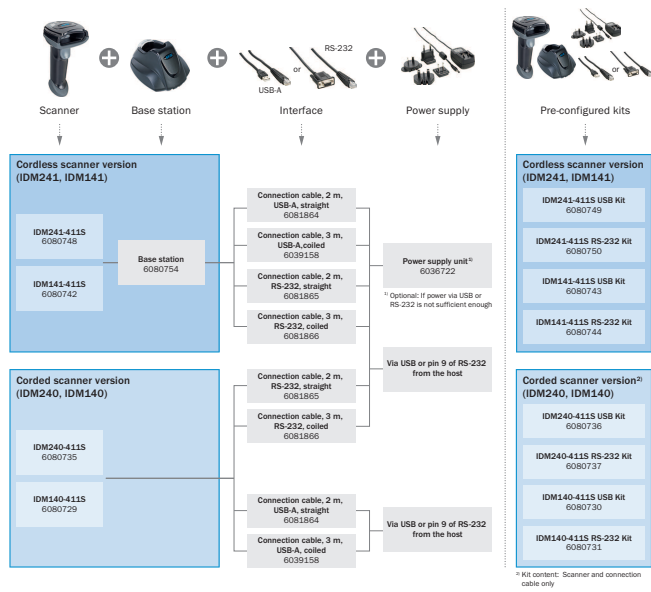
AUX looping

Looping-in via AUX

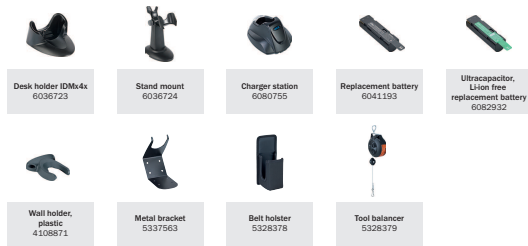


Selection Guide

IDMx4x



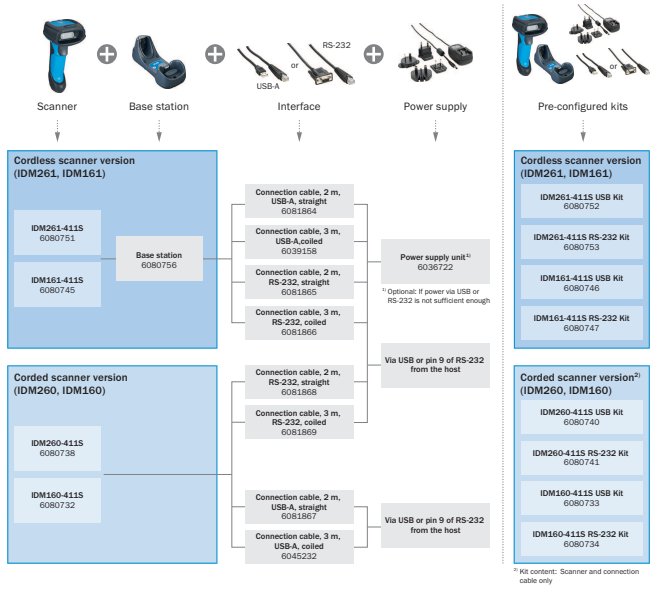
Accessories



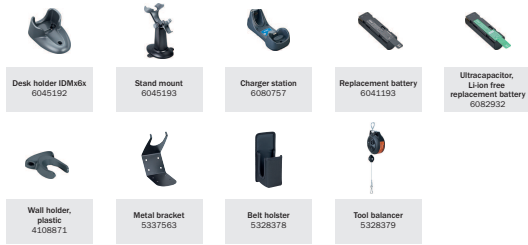
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MOBILE HANDHELD SCANNERS

IDMx6x



Accessories





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

Recommended accessories

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

	Brief description	Type	Part no.
Other mounting accessories			
	Tripod mount	Stand mount	6036724
	Desk holder	Table mount	6036723

Recommended services

Additional services → www.sick.com/IDM

	Type	Part no.
Extended warranty		
<ul style="list-style-type: none">• Product area: Identification solutions, machine vision, Distance sensors, Detection and ranging solutions• Range of services: The services correspond to the scope of the statutory manufacturer warranty (SICK general terms of delivery).• Duration: Five-year warranty from delivery date.	Extended warranty for a total of five years from delivery date	1680671

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