



IDM240-311S USB Kit

IDM24x

MOBILE HAND-HELD SCANNERS

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
IDM240-311S USB Kit	6068390

Included in delivery: Connection cable (1), IDM240-311S (1)

Other models and accessories → www.sick.com/IDM24x



Detailed technical data

Features

Application	General Purpose
Scanner design	2D code hand-held scanner
Sensor resolution	1,280 px x 800 px
Light source	Internal lighting LED, Visible, Red, 630 nm Adjustment aid LED, Visible, Red, 630 nm
Code resolution	≥ 0.07 mm ¹⁾ ≥ 0.13 mm ²⁾
Reading distance	30 mm ... 400 mm

¹⁾ Valid for Code 39.

²⁾ Valid for Data Matrix code.

Mechanics/electronics

Supply voltage	5 V DC ... 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

Ethernet		✓, TCP/IP
	Type of fieldbus integration	Optional, over external connection module CDF600-2
PROFINET		✓
	Type of fieldbus integration	Optional over external fieldbus module CDF600-2
	Function	PROFINET Single Port, PROFINET Dual Port
EtherCAT®		✓
	Type of fieldbus integration	Optional over external fieldbus module CDF600
Serial		✓, RS-232
PROFIBUS DP		✓
	Type of fieldbus integration	Optional over external fieldbus module CDF600-2
DeviceNet™		✓
	Type of fieldbus integration	Optional, over external connection module CDM + CMF
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

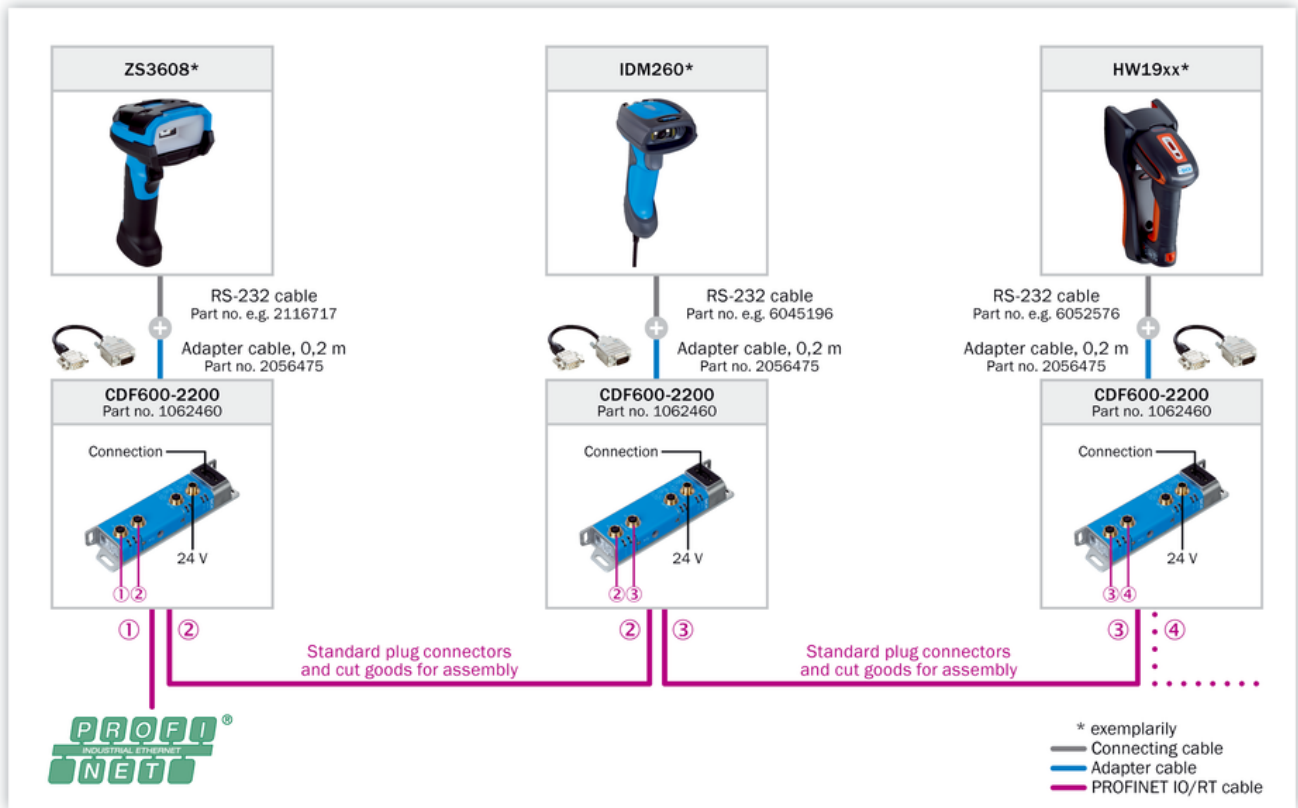
Classifications

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
ETIM 5.0	EC002550
ETIM 6.0	EC002550
ETIM 7.0	EC002550
UNSPSC 16.0901	43211701

Connection diagram

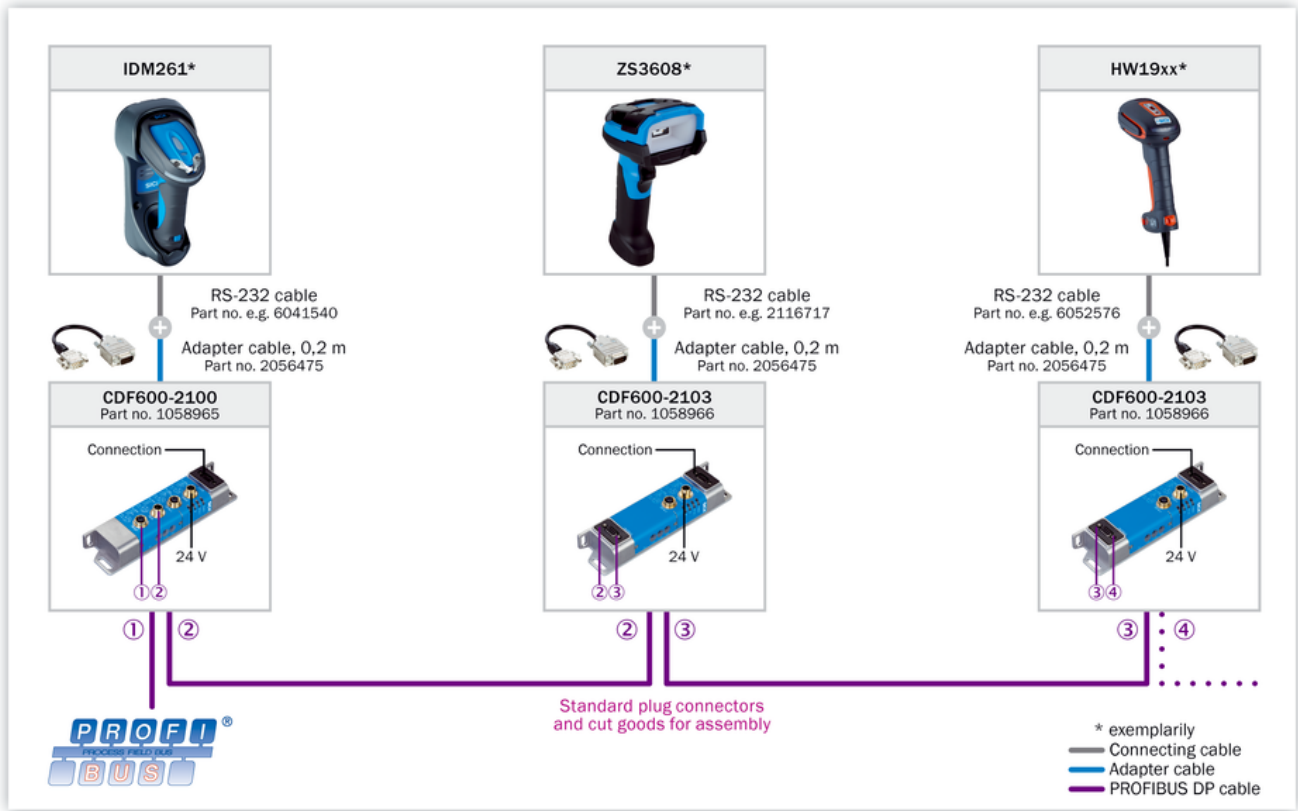
PROFINET IO/RT

PROFINET IO/RT



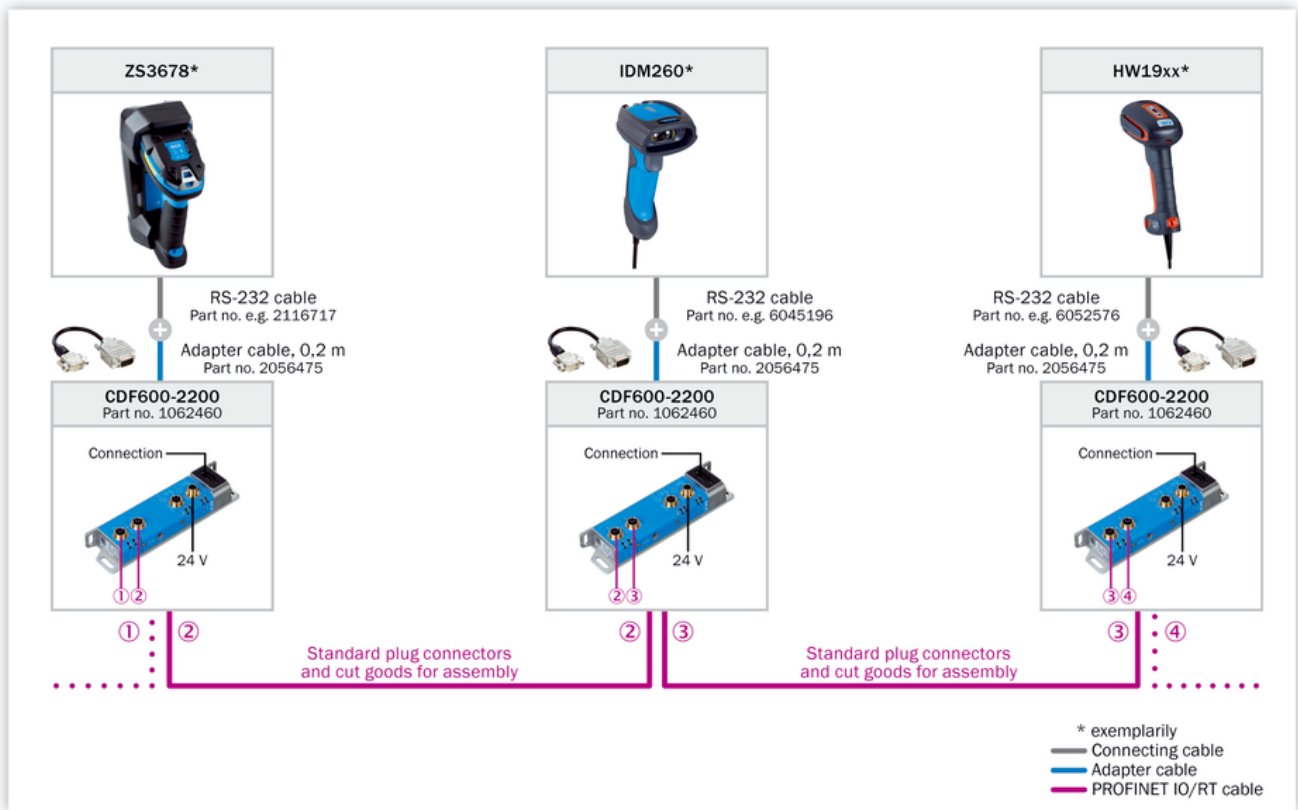
PROFIBUS DP

PROFIBUS DP



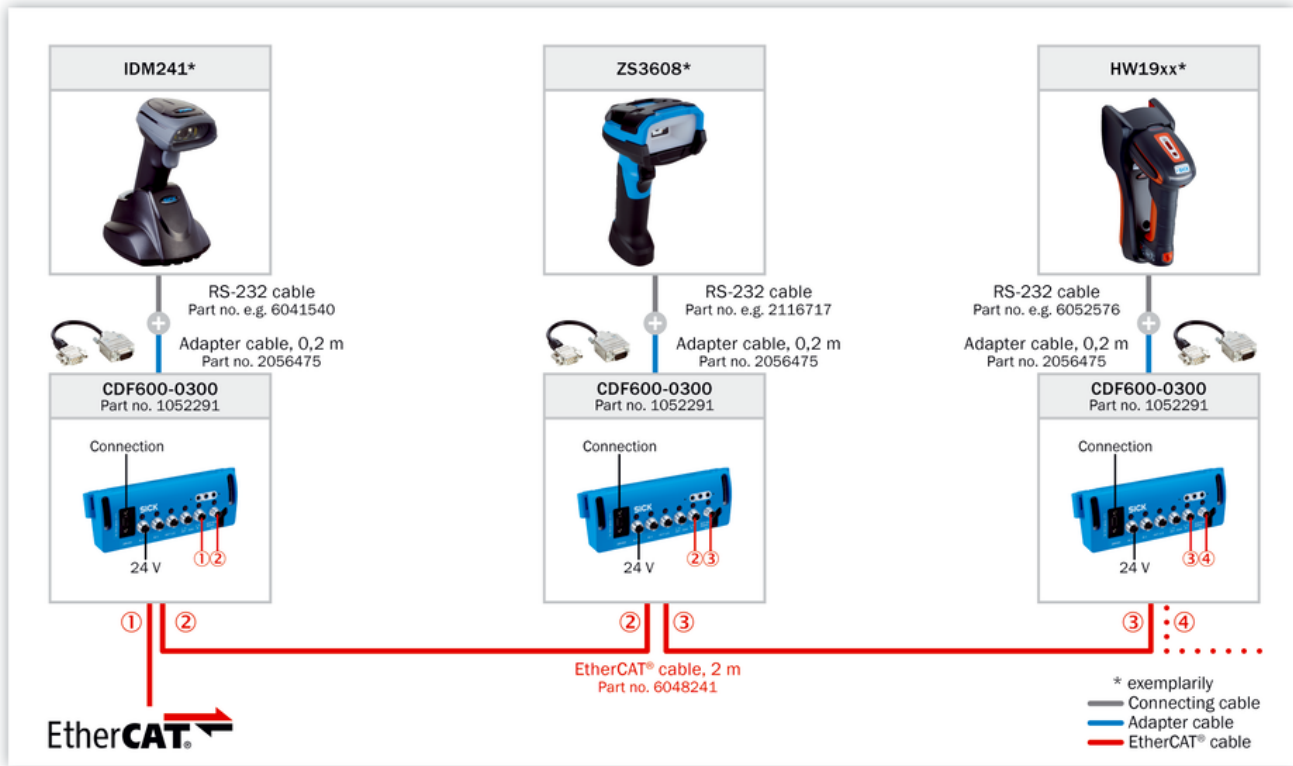
Ethernet TCP/IP

Ethernet TCP/IP



EtherCAT®

EtherCAT®



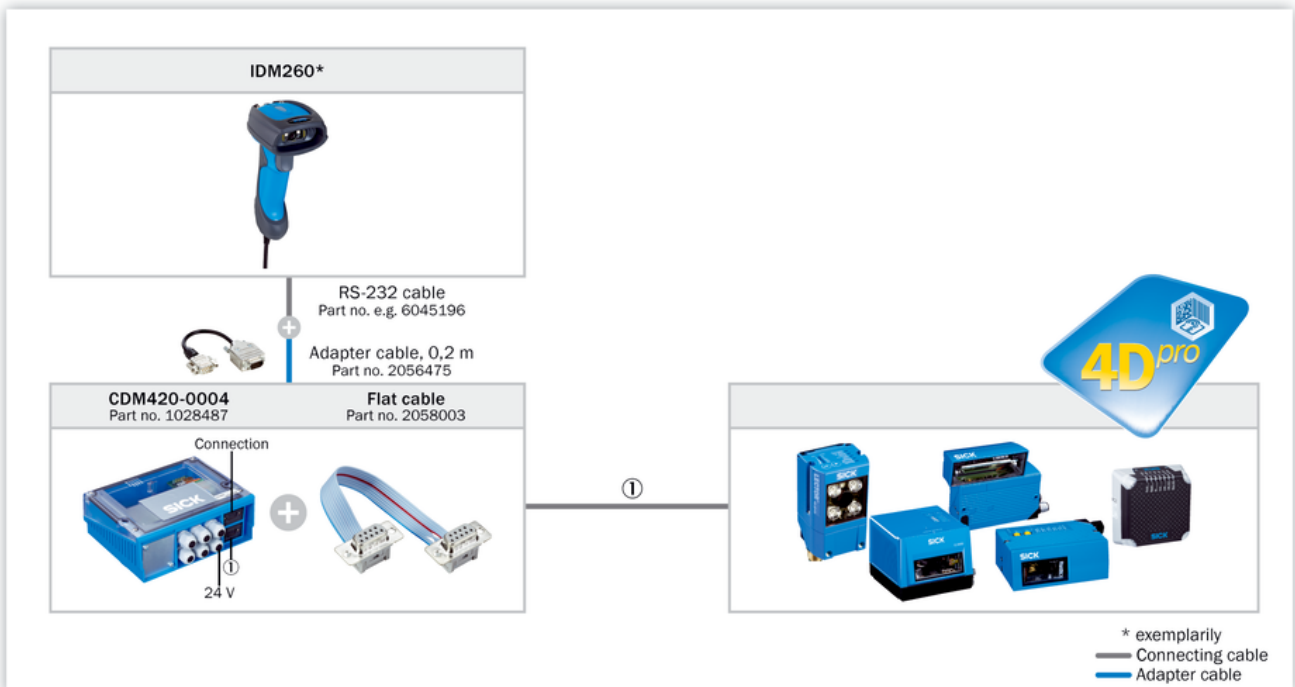
DeviceNet™

DeviceNet™



AUX looping

Looping-in via AUX



Recommended accessories

Other models and accessories → www.sick.com/IDM24x

	Brief description	Type	Part no.
Other mounting accessories			
	Tripod mount	Stand mount	6036724
	Desk holder	Table mount	6045192

Recommended services

Additional services → www.sick.com/IDM24x

	Type	Part no.
Warranty extensions		
<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 and conditions of purchase) • 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