



HW1911IER-3USB-5 KIT

HW191x

MOBILE HANDHELD SCANNERS

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
HW1911IER-3USB-5 KIT	6052572

Included in delivery: Base station (1), USB cable (1)

A country-specific power supply unit may be required for operation (see "Recommended accessories").

Other models and accessories → www.sick.com/HW191x



Detailed technical data

Features

Version	Extended Range Focus
Application	Industrial application
Scanner design	Wireless variant
Sensor resolution	838 x 640 px
Light source	LED, Visible, Red, 624 nm, ± 18 nm
Alignment aid	Laser, Red, 650 nm
Reading distance	15 mm ... 749 mm
Code resolution	≤ 0.127 mm ¹⁾ ≤ 0.191 mm ²⁾

¹⁾ Valid for Code 39.

²⁾ Valid for Data Matrix code.

Mechanics/electronics

Supply voltage	3.7 V DC ¹⁾
Current consumption	Charging (5 V DC): 1 A Standby: 120 mA
Housing	Plastic (UL 94 V-0)
Housing color	Orange, gray
Enclosure rating	IP65
Weight	390 g, incl. rechargeable battery
Dimensions (L x W x H)	133 mm x 75 mm x 195 mm

¹⁾ Rechargeable battery operation.

Performance

Readable code structures	1D codes, 2D codes, Stacked
Bar code types	Code 39, Code 39 Trioptic, Code 32, Code 93, Code 11, Codabar, Code 128, GS1-128 / EAN 128, UPC / EAN / JAN (with addition), MSI/Plessey, UK/Plessey, IATA, Interleaved 2 of 5, Standard and Industrial 2 of 5, Matrix 2 of 5, Telepen, GS1 DataBar, 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
Code alignment	Omni-directional
Horizontal motion tolerance	Typ. 381 cm/s
Battery power	Up to 50,000 scans when fully charged
Code buffer	5,000 Codes (EAN, for scanning in batch mode), 100,000 Codes (EAN, for out of range scanning)

Interfaces

USB	✓
Function	Keyboard wedge, COM-Port emulation
Bluetooth	✓
Remark	Bluetooth™ V2.1 EDR, 2.4 ... 2.4835 GHz
Function	Wireless operating range up to 100 m (free view), batch function for expansion of the wireless radius, up to seven scanners communicate with one base station
Serial	✓, RS-232 TTL
Remark	Optionally possible via cable
PS/2	✓
Function	Keyboard wedge
Optical indicators	2 LEDs (good read, charge of battery, radio connection status)
Acoustic indicators	Beeper, can be switched off
Vibration	Yes
Configuration software	EZConfig Tool

Ambient data

Shock resistance	50 drop tests onto concrete from a height of 2 m at -30 °C
Ambient operating temperature	-20 °C ... +50 °C
Storage temperature	-40 °C ... +70 °C
Permissible relative humidity	95 %, Non-condensing
Ambient light immunity	100,000 lx
Bar code print contrast (PCS)	≥ 20 %

General notes

Items supplied	The battery is included in delivery
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Classifications

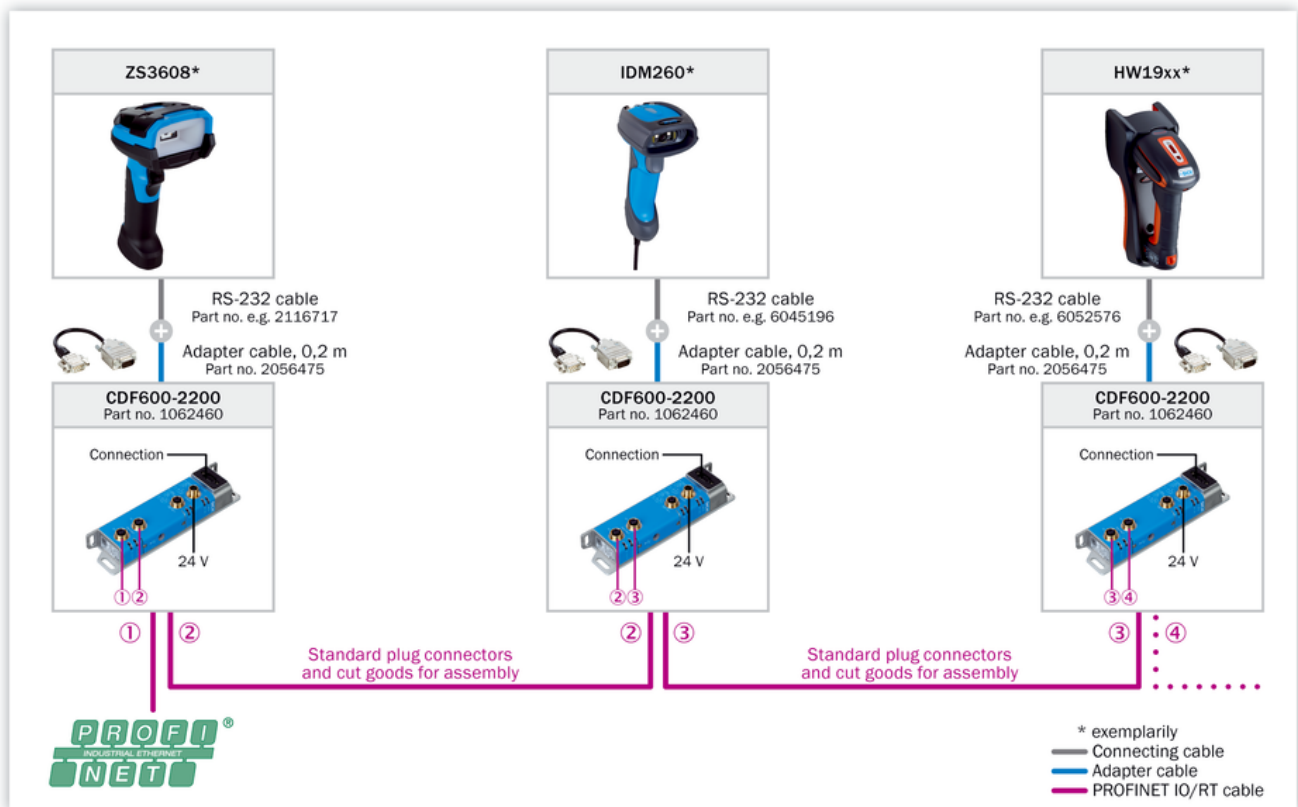
eCl@ss 5.0	27280101
eCl@ss 5.1.4	27280101
eCl@ss 6.0	27280101
eCl@ss 6.2	27280101
eCl@ss 7.0	27280101
eCl@ss 8.0	27280101
eCl@ss 8.1	27280101
eCl@ss 9.0	27280101

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

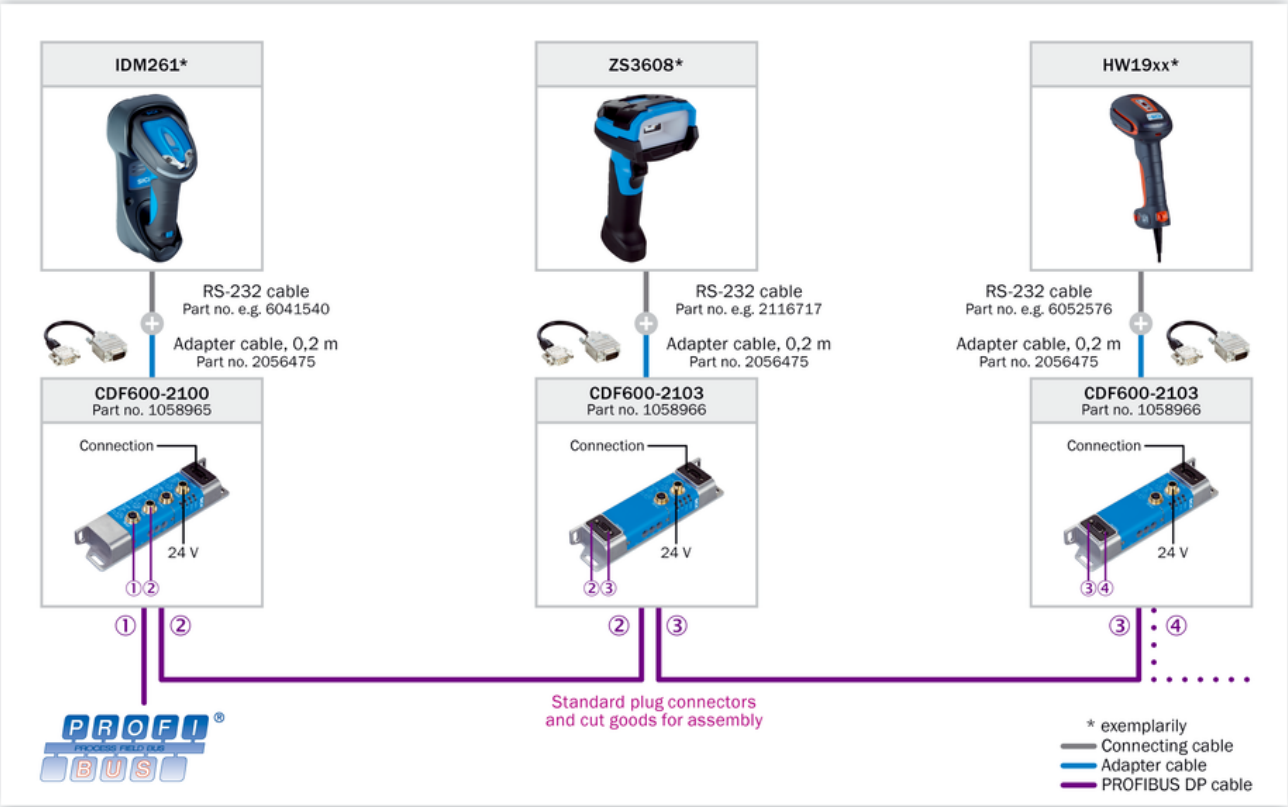
PROFINET IO/RT

PROFINET IO/RT



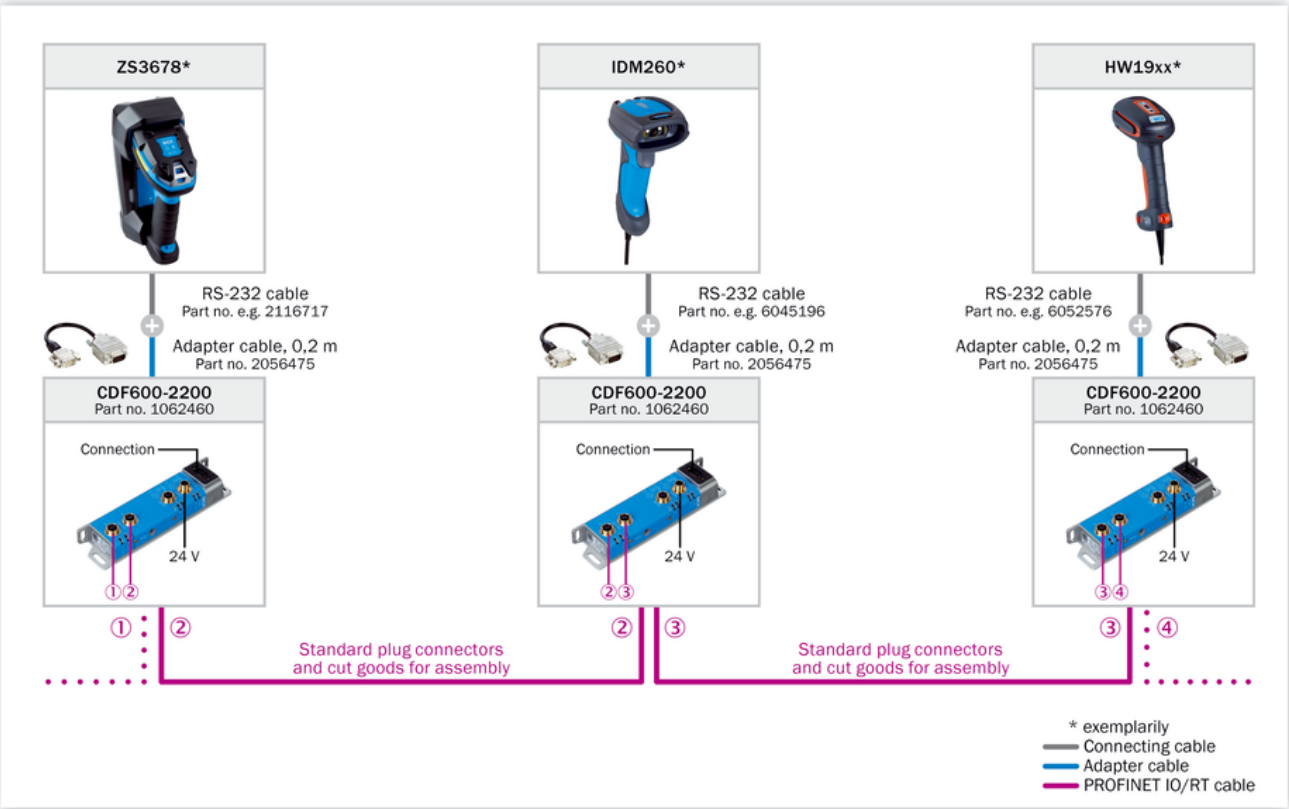
PROFIBUS DP

PROFIBUS DP



Ethernet TCP/IP

Ethernet TCP/IP



EtherCAT®



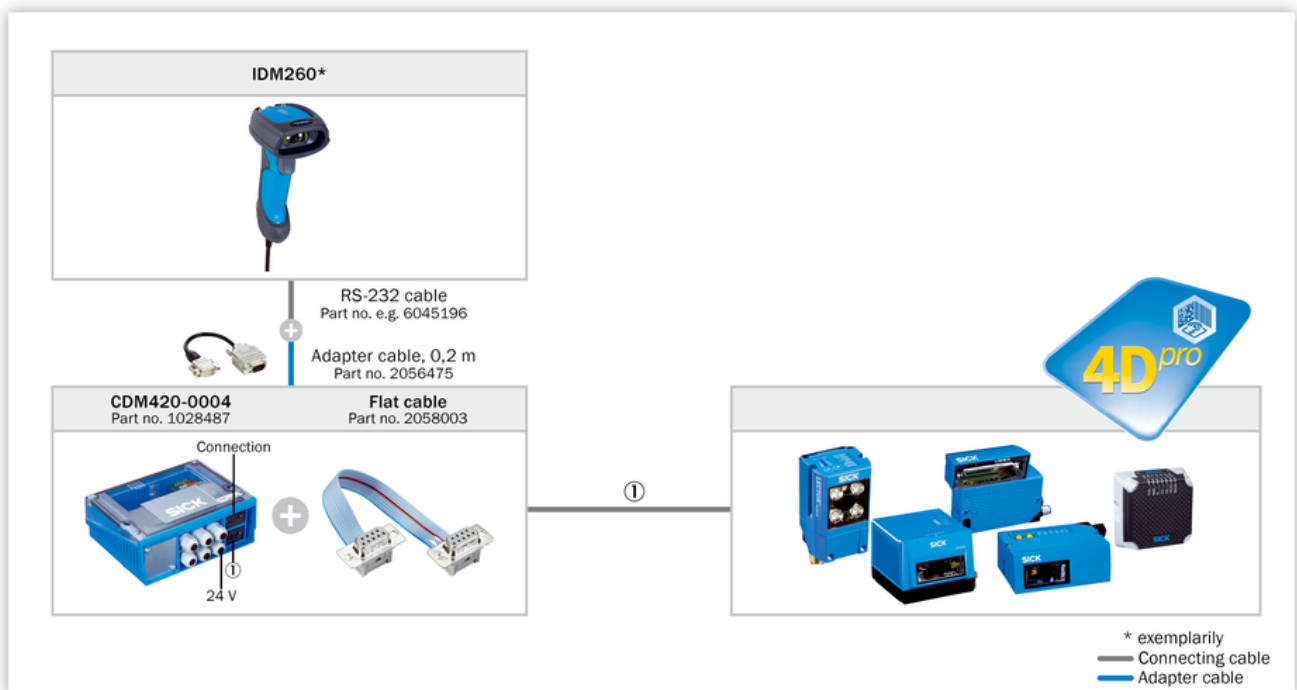
DeviceNet™

DeviceNet™



AUX looping

Looping-in via AUX



Selection Guide



Recommended accessories

Other models and accessories → www.sick.com/HW191x

	Brief description	Type	Part no.
Others			
	Power supply unit with EU male connector for charging station, 1 A, 5.2 V DC, 90 V AC ... 255 V AC at 50 Hz ... 60 Hz (Honeywell PS-05-1000W-C)	Power supply unit	6064641
	Power supply unit with UK male connector for charging station, 1 A, 5.2 V DC, 90 V AC ... 255 V AC at 50 Hz ... 60 Hz (Honeywell PS-05-1000W-G)	Power supply unit	6064642
	Power supply unit with NA male connector for charging station, 1 A, 5.2 V DC, 90 V AC ... 255 V AC at 50 Hz ... 60 Hz (Honeywell PS-05-1000W-A)	Power supply unit	6052582

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:

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