



HW1910IER-3USB KIT

HW191x

MOBILE HANDHELD SCANNERS

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
HW1910IER-3USB KIT	6063834

Included in delivery: USB cable (1)

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



Detailed technical data

Features

Version	Extended Range Focus
Application	Industrial application
Scanner design	Cable connection 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	4 V DC ... 5.5 V DC
Current consumption	Operation at 5 V DC: 470 mA Standby: 100 mA
Housing	Plastic (UL 94 V-0)
Housing color	Orange, gray
Enclosure rating	IP65
Weight	300 g
Dimensions (L x W x H)	133 mm x 75 mm x 195 mm

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

Interfaces

USB	✓
Function	Keyboard wedge, COM-Port emulation
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	-30 °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 %

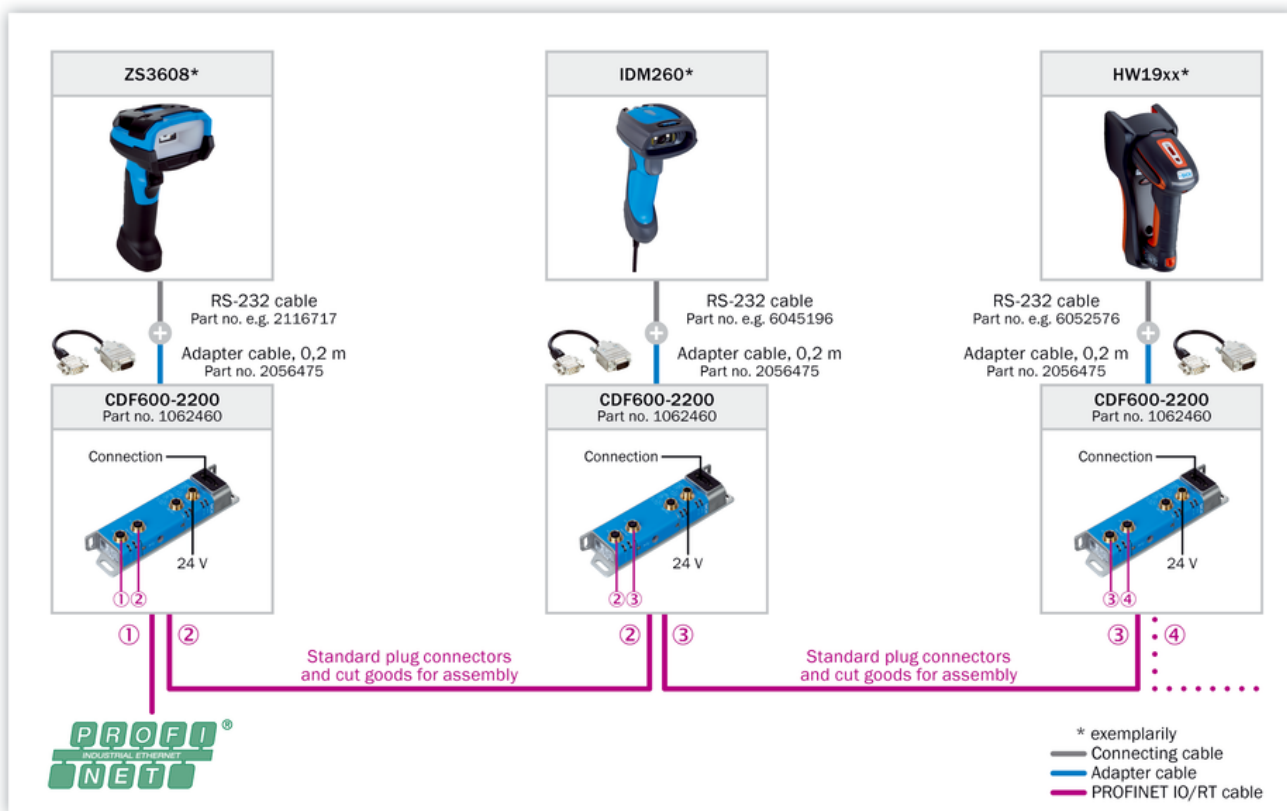
Classifications

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

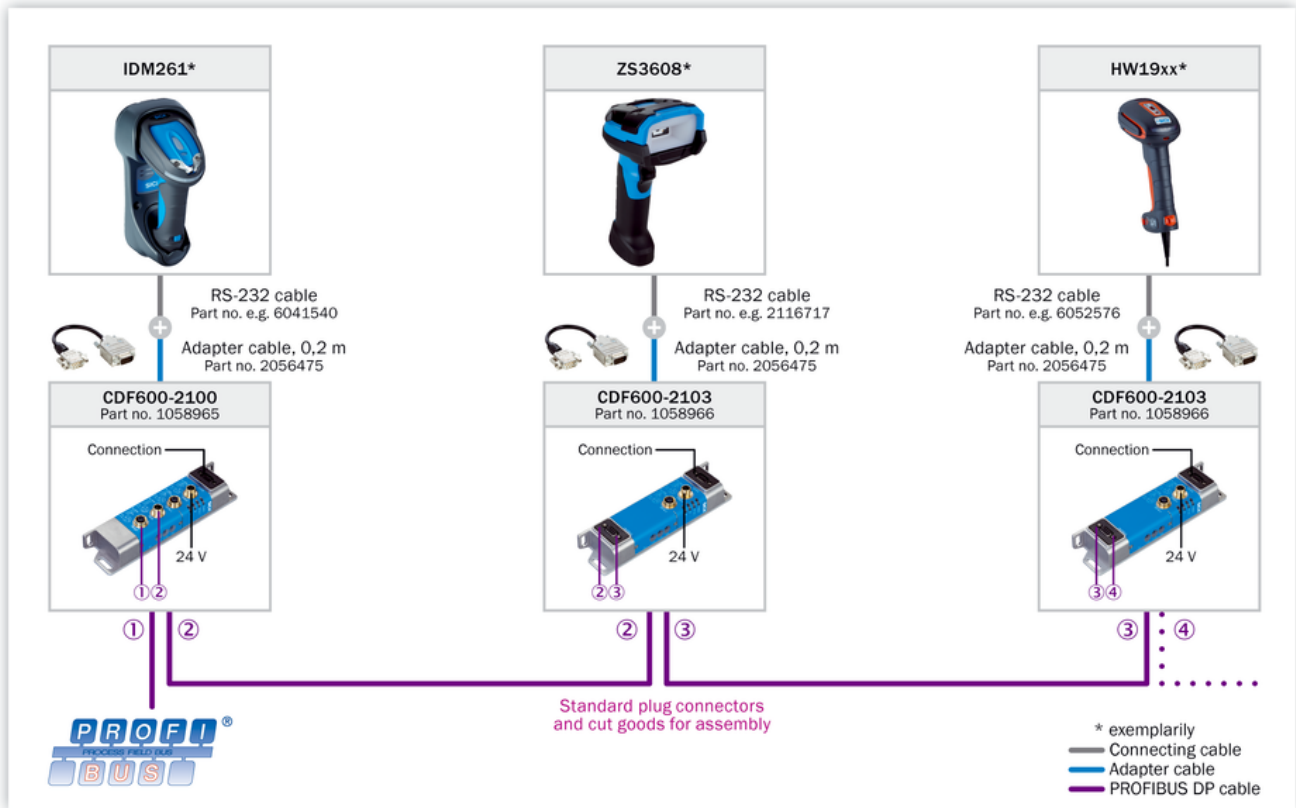
PROFINET IO/RT

PROFINET IO/RT



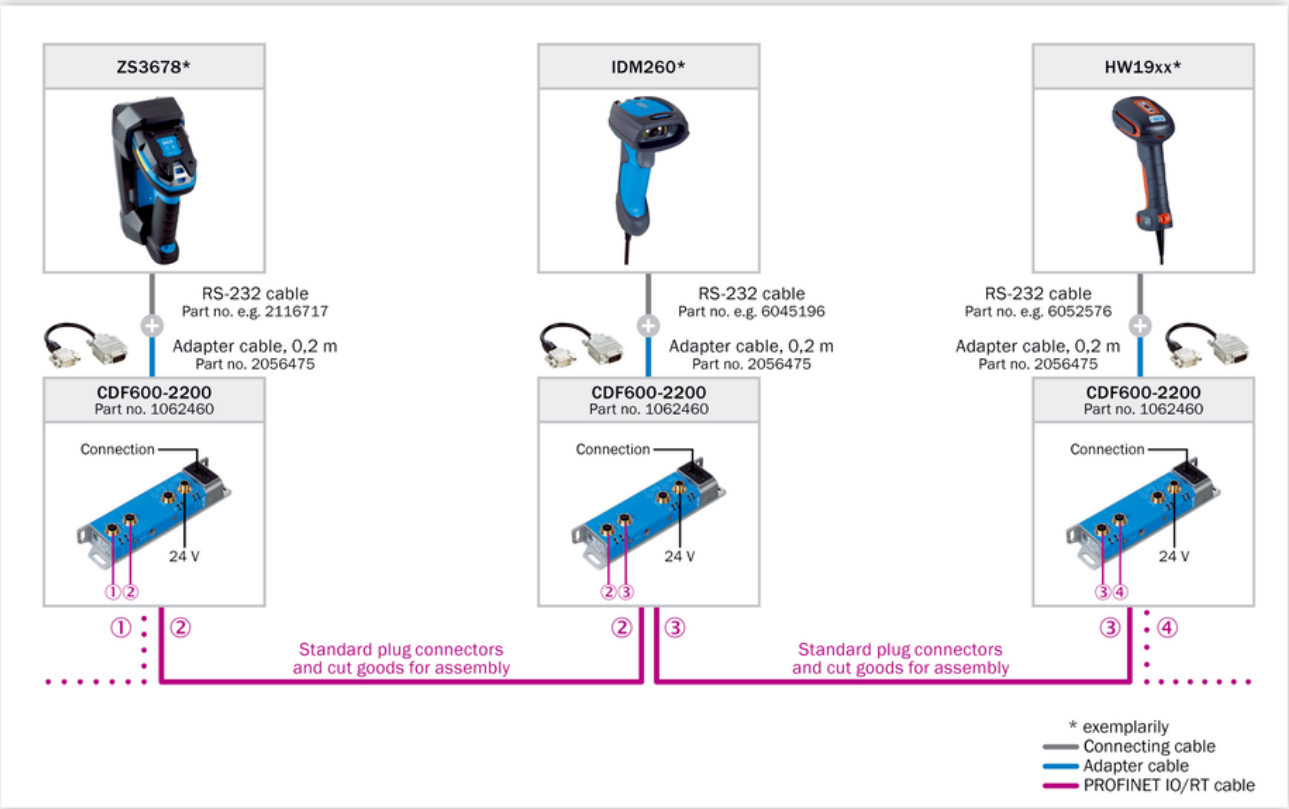
PROFIBUS DP

PROFIBUS DP



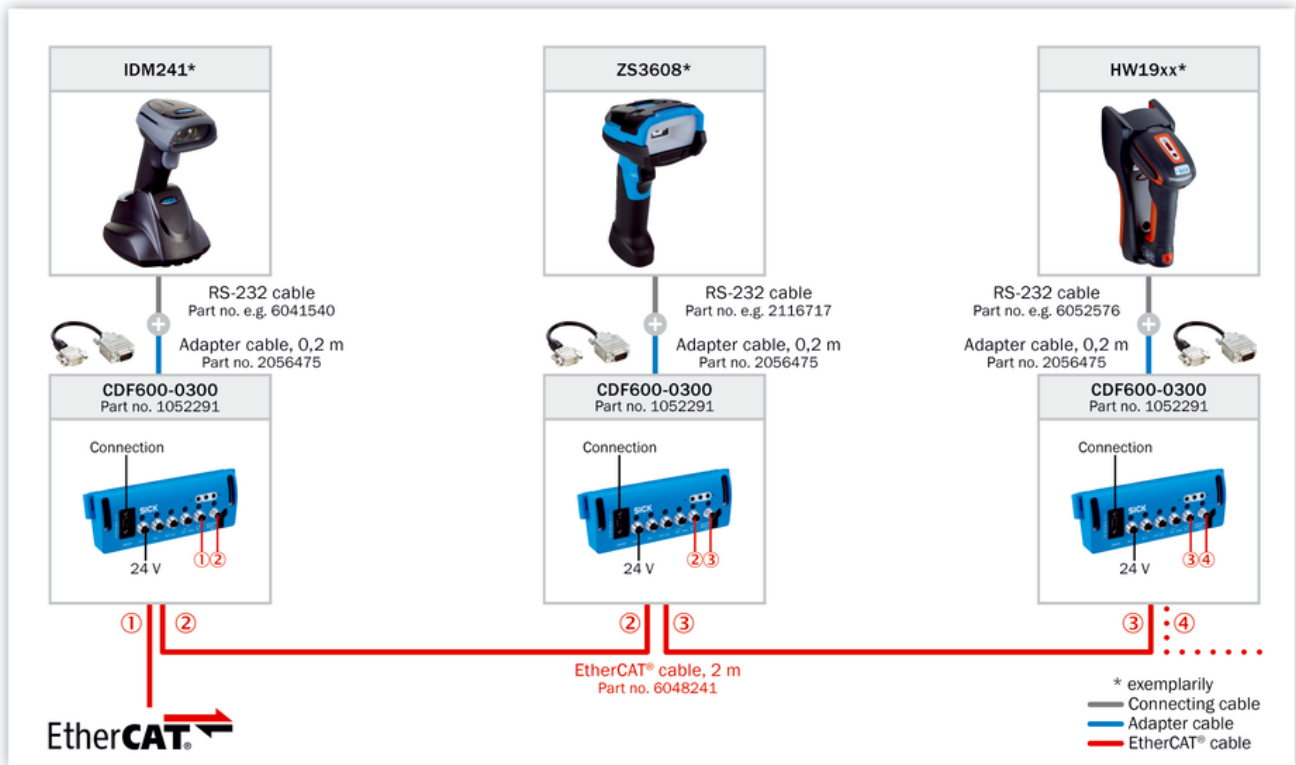
Ethernet TCP/IP

Ethernet TCP/IP



EtherCAT®

EtherCAT®



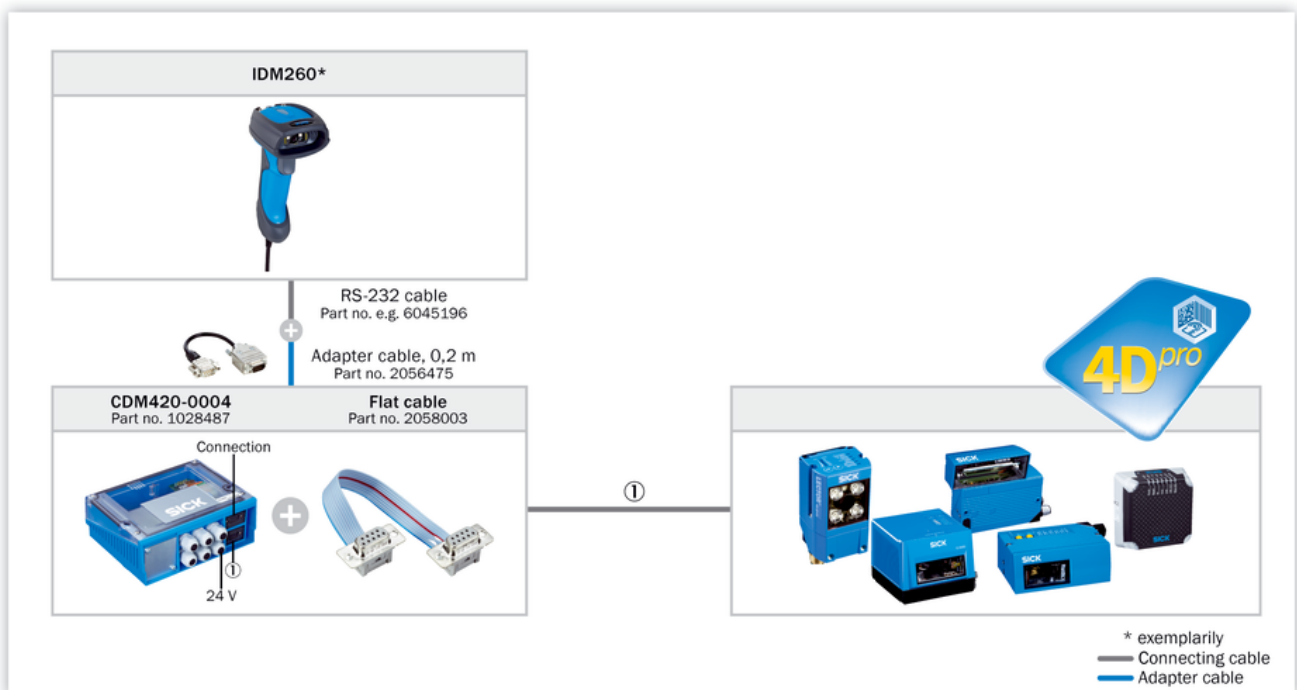
DeviceNet™

DeviceNet™



AUX looping

Looping-in via AUX



Selection Guide



Recommended accessories

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

	Brief description	Type	Part no.
Other mounting accessories			
	Table and wall bracket including mounting material (Honeywell HOLDER-010-U)	Stand mount	5328380
	Table and wall bracket including mounting material (Honeywell VMHOLDERE)	Stand mount	5337563

SICK AT A GLANCE

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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.”

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