



IDM120-3 USB Kit

IDM

MOBILE HANDHELD SCANNERS

SICK
Sensor Intelligence.



Ordering information

Type	Part no.
IDM120-3 USB Kit	6050056

Included in delivery: IDM12x-301B (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

Task	Identifying - 1D code
Version	Standard Range
Application	Standard application
Scanner design	Cable connection variant
Light source	LED, Visible, Red, 630 nm
Reading distance	0 mm ... 400 mm ¹⁾
Code resolution	0.1 mm

¹⁾ For details see reading field diagram.

Mechanics/electronics

Enclosure rating	IP41
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Performance

Readable code structures	1D codes
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Interfaces

USB	✓
Function	Keyboard wedge, USB serial
Configuration software	IDM Setup Tool

Ambient data

Ambient operating temperature	-10 °C ... +50 °C
Storage temperature	-40 °C ... +70 °C

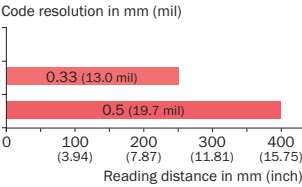
Classifications

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

Reading field diagram

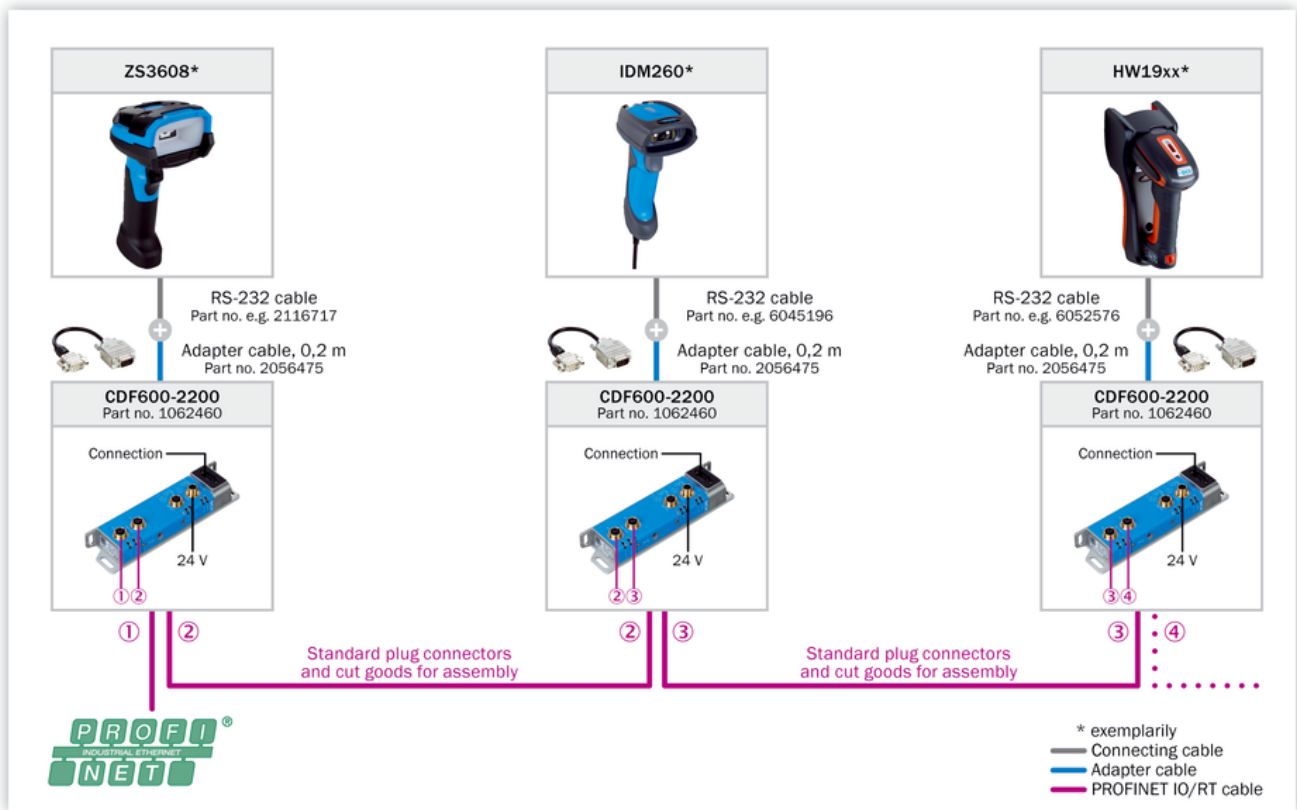
IDM120-3 Standard Range



Connection diagram

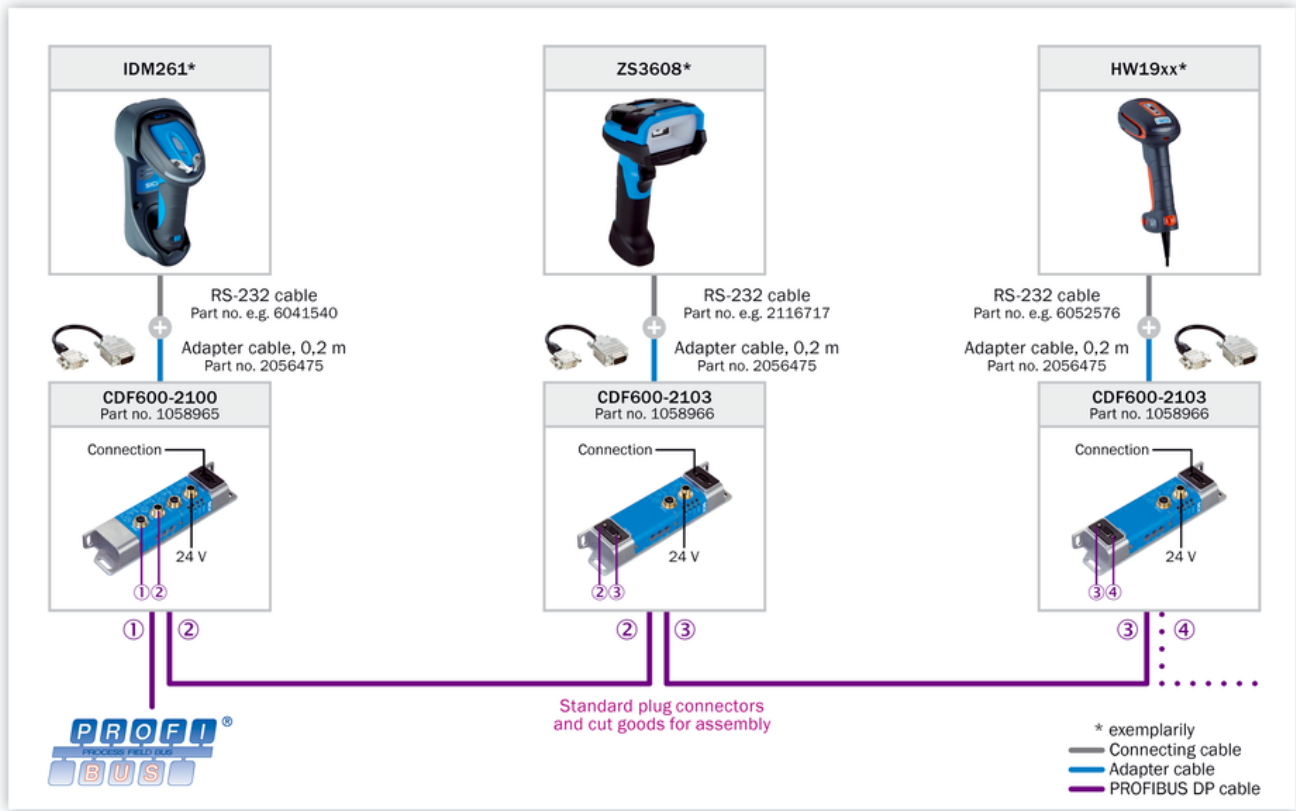
PROFINET IO/RT

PROFINET IO/RT



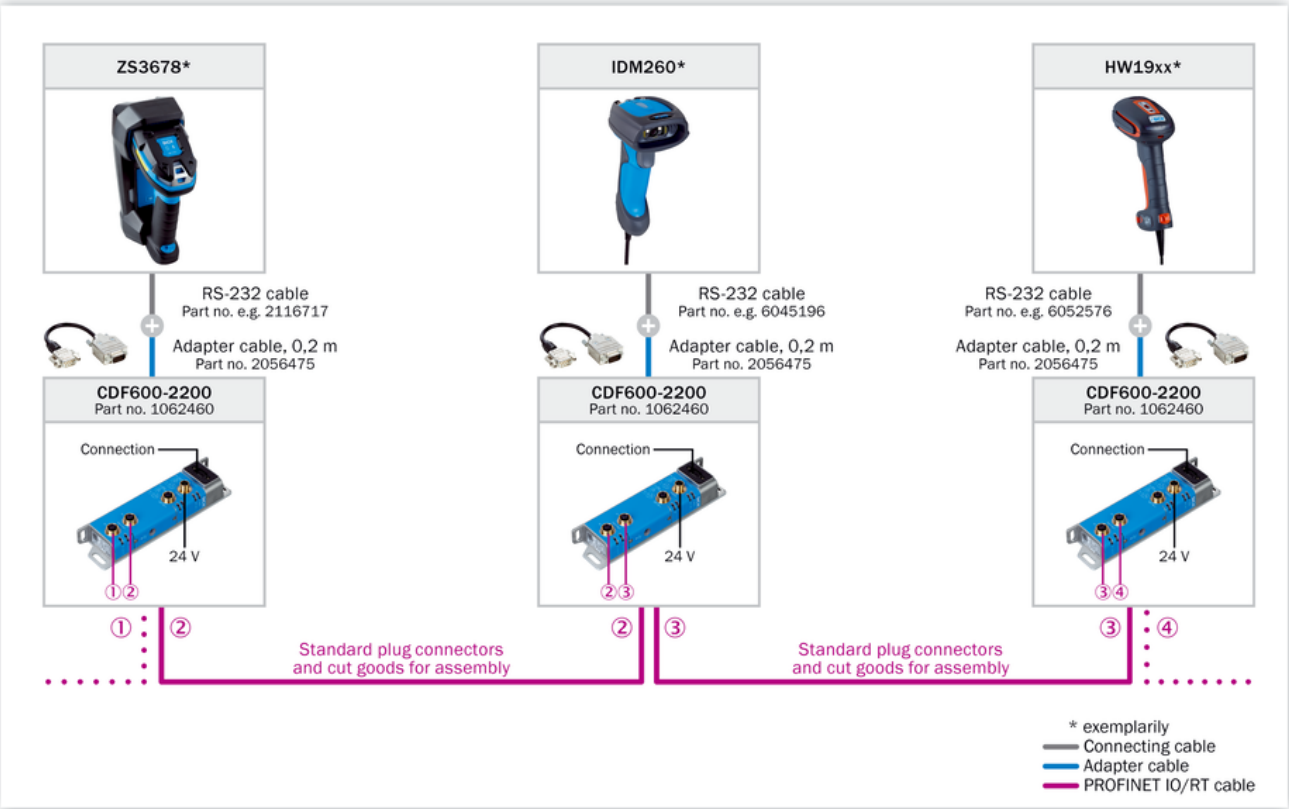
PROFIBUS DP

PROFIBUS DP



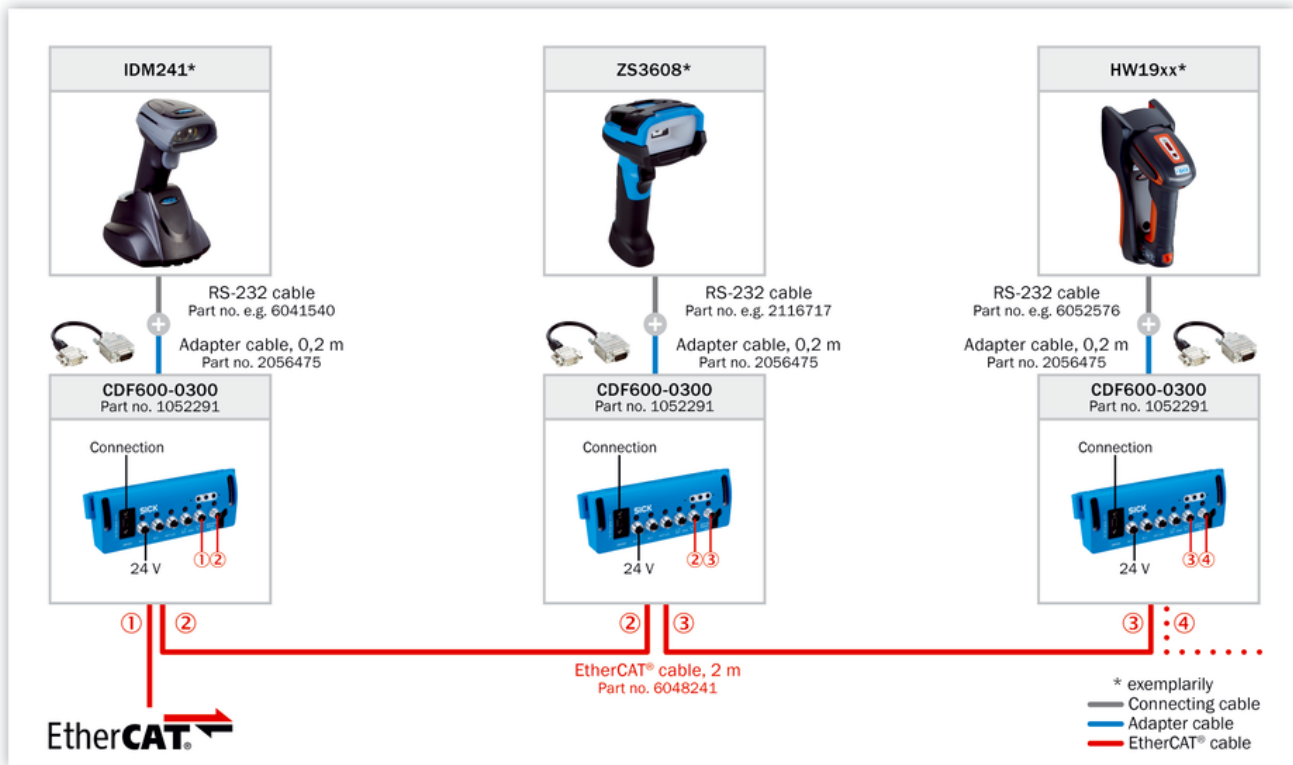
Ethernet TCP/IP

Ethernet TCP/IP



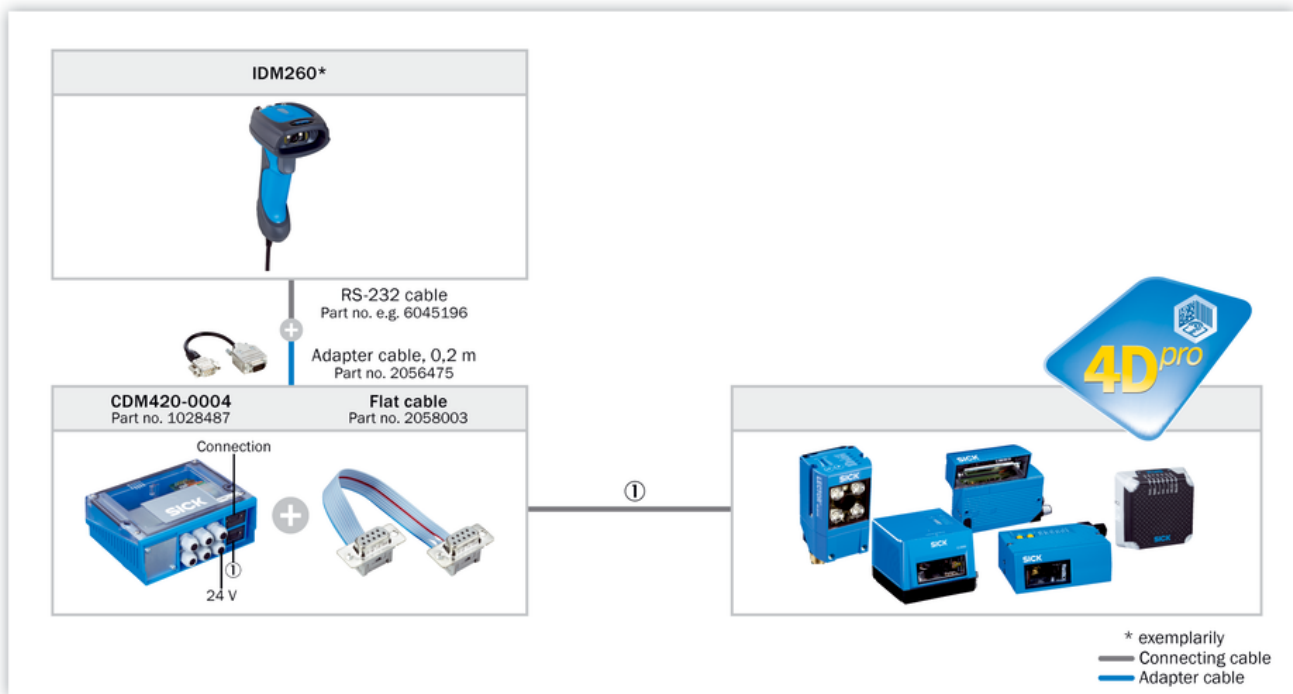
EtherCAT®

EtherCAT®



AUX looping

Looping-in via AUX




Selection Guide



Recommended accessories

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

	Brief description	Type	Part no.
Other mounting accessories			
	Tripod mount	Stand mount	6036724

Recommended services

Additional services → www.sick.com/IDM

	Type	Part no.
Extended warranty		
<ul style="list-style-type: none">• Product area: Machine vision, LiDAR sensors, safety camera sensors, Safety laser scanners, Safety radar sensors, Radar sensors, Fixed mount barcode scanners, Image-based code readers, RFID, Mobile handheld scanners• 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