



IDM120-3 USB Kit

IDM

MOBILE HANDHELD SCANNERS

SICK
Sensor Intelligence.



Ordering information

Type	part no.
IDM120-3 USB Kit	6050056

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



Detailed technical data

Features

Application	Standard application
Version	Standard Range
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

Certificates

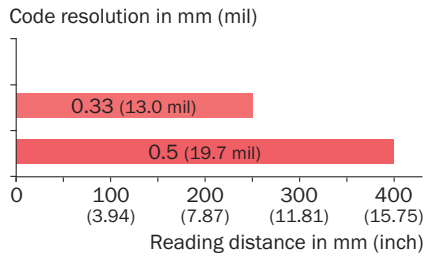
EU declaration of conformity	✓
China RoHS	✓
KC Mark certificate	✓

Classifications

ECLASS 5.0	27280101
ECLASS 5.1.4	27280101
ECLASS 6.0	27280101
ECLASS 6.2	27280101
ECLASS 7.0	27280101

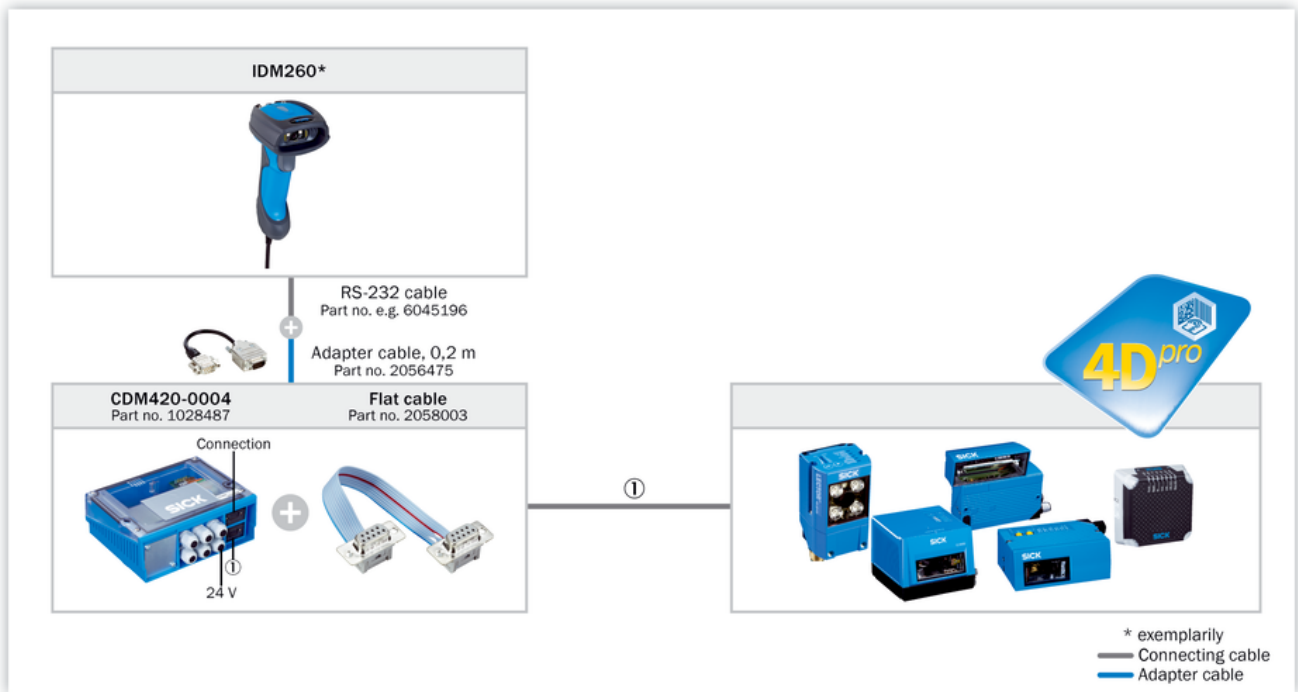
ECLASS 8.0	27280101
ECLASS 8.1	27280101
ECLASS 9.0	27280101
ECLASS 10.0	27280101
ECLASS 11.0	27280101
ECLASS 12.0	27280101
ETIM 5.0	EC002550
ETIM 6.0	EC002550
ETIM 7.0	EC002550
ETIM 8.0	EC002550
UNSPSC 16.0901	43211701

Reading field diagram IDM120-3 Standard Range



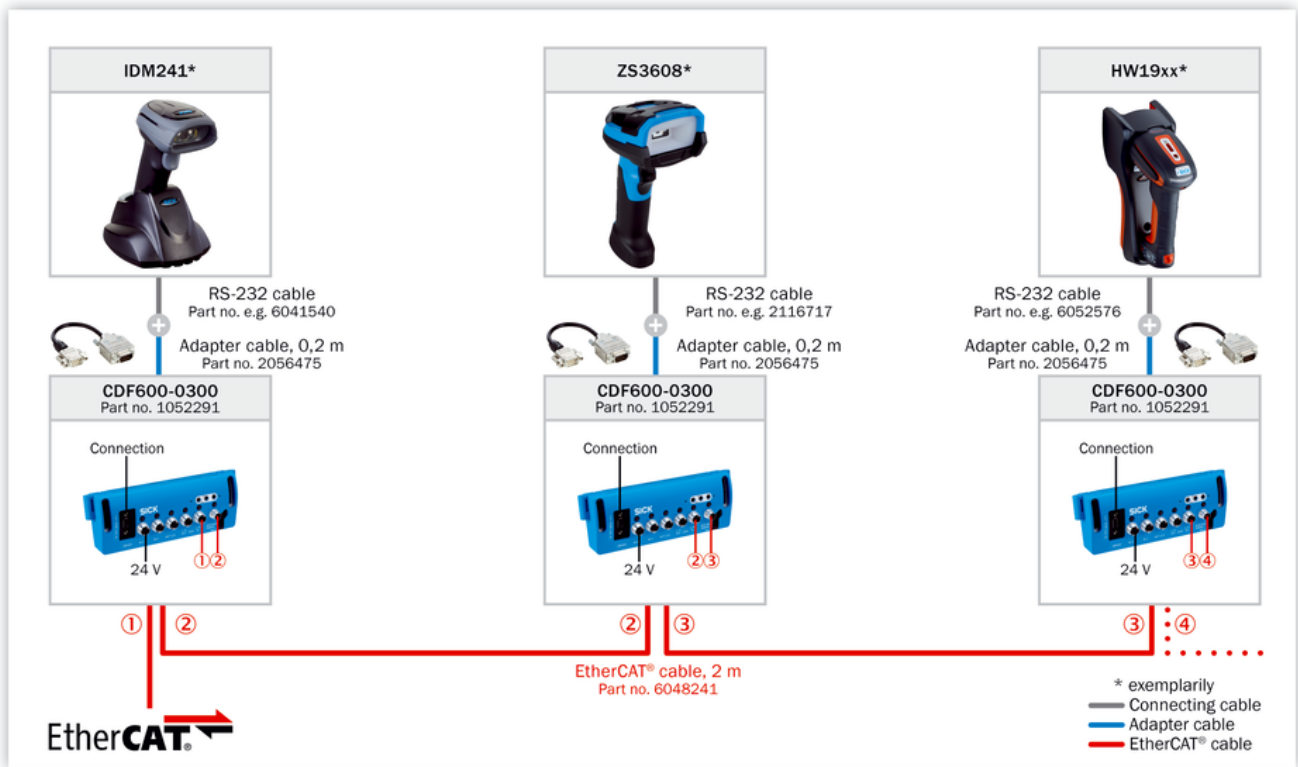
Connection diagram AUX looping

Looping-in via AUX



Connection diagram EtherCAT®

EtherCAT®



Connection diagram PROFIBUS DP

PROFIBUS DP



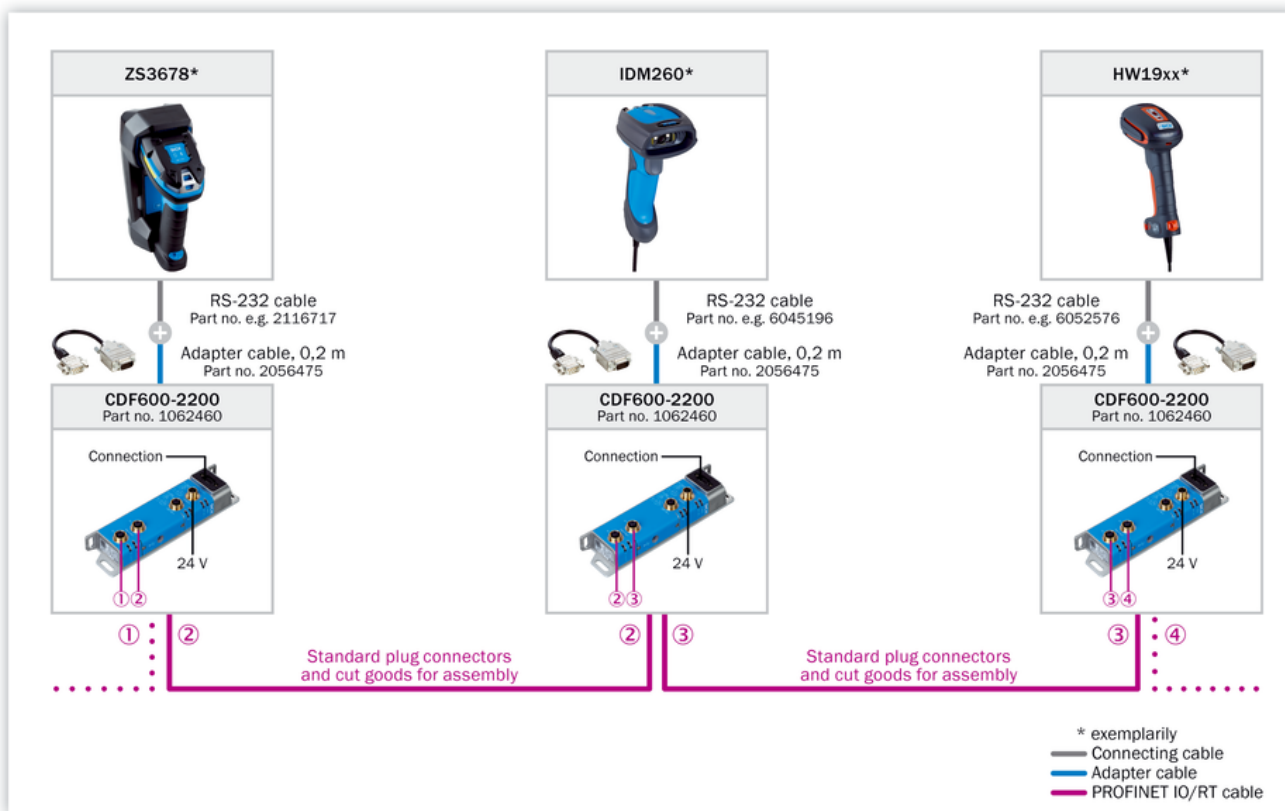
Connection diagram PROFINET IO/RT

PROFINET IO/RT



Connection diagram Ethernet TCP/IP

Ethernet TCP/IP



Selection Guide



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

Recommended accessories

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

	Brief description	Type	part no.
Mounting systems			
	<ul style="list-style-type: none">Description: Tripod mount	Stand mount	6036724

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