



Smartphone

Smart-Ex® 203

SMART-EX203*

- Android™ 14
- Wireless connections such as 5G NR, WWAN, Wi-Fi and Bluetooth®
- GPS
- NFC technology for wireless applications
- Dual SIM (eSIM + nano-SIM)

Smart-Ex 203 DZ2 (Div. 2 and Zone 2/22), Android™, with camera (optional), 128 GB



Technical Data

Hardware

Processor	Qualcomm QCM4490 3GPP Rel 16 support
RAM	8 GByte
Camera	Version without camera available.
Front camera	16 MP
Main camera	48 MP with autofocus and LED flash
Scanner	Optional additional 1D/2D-scan module SM-Ex S203 SR (#70192137, Zebra SE4107) available as accessory
Internal data memory	128 GByte
Optional data memory	microSD card up to 512 GByte
Sensors	Biometric, Accelerometer, Gyrometer, Magnetometer, Barometer, Proximity, Ambient light

Indicators/operating means

Display	
Touch screen technology	Capacitive multitouch
Panel type	TFT
Screen size	16 cm / 6.3 inch
Resolution	1080 x 2340 (FHD+)
Special Features	Can be operated while wearing gloves Use in rain and wet conditions
Key	Programmable push-to-talk and multifunction button (can be used as an alarm button) Power button Volume up/down

Electrical specifications

Battery type	Li-ion 3.8 V 4500 mAh 17.1 Wh
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Interface

I/O ports	USB-C additional interface for peripherals Charging pads for charging in docking station
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Communication

Mobile standard	
4G	LTE-FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B18, B19, B20, B25, B26, B28, B29, B30, B66, B71 LTE-TDD: B34, B38, B39, B40, B41, B42, B43, B48
5G	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n28, n29, n30, n38, n40, n41, n48, n66, n71, n77, n78, n79
WLAN	IEEE 802.11 2.4 GHz - b/g/n 5 GHz / 6 GHz: - a/ac/ax (Wi-Fi 6e)

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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PEPPERL+FUCHS

Technical Data

Bluetooth	5.2 (BLE supported)
GPS sensor	GPS, GLONASS, Galileo, QZSS, BeiDou
NFC	yes
SIM card	Dual SIM (eSIM + nano-SIM)
Software	
Operating system	Android™ 14 with GMS (Google Mobile Services) Android™ Enterprise Recommended verified device (pending) ARCore certification (pending)
Cybersecurity	
IT security	
Biometrics	Fingerprint sensor (side)
Updates	Security updates until March 2032
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Operating temperature	-20 ... 55 °C (-4 ... 131 °F)
Storage temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP68 according to EN/IEC 60529 MIL-STD-810H
Mass	365 g
Dimensions	
W x H x D	86 mm x 177 mm x 17 mm
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	EPS 25 ATEX 1 131 X
ATEX marking	Ex ic IIC T4 Gc Ex ic IIIC T135°C Dc T _{amb} = -20 °C ... +60 °C
International approvals	
IECEX approval	
IECEX certificate	IECEX EPS 25.0034X
IECEX marking	Ex ic IIC T4 Gc Ex ic IIIC T135°C Dc T _{amb} = -20 °C ... +60 °C
NEC/CEC approval	
NEC/CEC certificate	Pending
NEC/CEC marking	Class I, Division 2, Groups A - D T4 Class II, Division 2, Groups F,G T4 T _{amb} = -20 °C ... +60 °C
General information	
Note	Android is a trademark of Google LLC. This device is not supplied with a charger.
Scope of delivery	Smart-Ex® 203 Li-Ion battery USB cable Torx T8 Documentation

Accessories

Accessories for this product can be found on the internet at www.pepperl-fuchs.com.