Smartphone

Smart-Ex® 03

SMART-EX03-DZ2-AI-C128-000-..

- Global certificates - a common hardware platform
- Android™ 13 operating system
- Wireless connections such as 5G NR, WWAN, Wi-Fi and Bluetooth®
- Android™ Enterprise Recommended verified device
- GPS
- NFC technology for wireless applications
- Service contract
- Programmable hardware buttons
- Special buttons for lone worker protection (LWP) applications
- Dual SIM (eSIM + nano-SIM)
- Google ARCore ready

Smart-Ex 03 DZ2 (DIV 2 and Zone 2/22), Android™, with Camera, 128 GB, global version

Technical Data

Hardware		
Processor		Qualcomm® Snapdragon QCM6490 and SDR753 platform Full 3GPP Rel 15 support
RAM		8 GByte
Camera		
Front camera		5 MP
Main camera		13 MP with LED flash and phase detection autofocus optimized for ECOM scanning solutions
Video recording resolution		1080p, 720p, 480p (main camera)
Internal data memory		128 GByte [1]
Sensors		Biometric, Accelerometer, Gyrometer, Magnetometer, Barometer, Proximity, Ambient light
Indicators/operating means		
Display		
Touch screen technology		Capacitive multitouch
Screen size		15.24 cm / 6 inch
Screen resolution		1080 x 2160
Screen protection		Extreme shock and scratch resistant Gorilla® glass
Special Features		Can be operated while wearing gloves
Key		Programmable push-to-talk, alarm and multifunction button Power button with fingerprint sensor Volume up/down
Electrical specifications		
Battery type		Li-Ion battery , 4400 mAh
Interface		
I/O ports		Charging via USB Type C + robust charging pads for charging in docking station (accessory) 3.5 mm audio interface, supporting legacy and standard 3.5mm audio accessories and updated PTT accessories through new, specific audio interface
Communication		
Mobile standard		
2G		GSM: 800 / 850 / 900 / 1800 / 1900 MHz
3G		WCDMA: B1, B2, B4, B5, B8 (850 / 900 / 1700 / 1900 / 2100 MHz)

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Technical Data

4G	LTE: B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29, B30, B34, B38, B39, B40, B41, B42, B43, B48, B53, B66, B71
5G	NR: n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n28, n30, n38, n40, n41, n48, n66, n71, n77, n78, n79
WLAN	6E ready, 802.11a/b/g/n/ac/ax/e/k/r/v, support for Enterprise deployments
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™ 13 Android™ Enterprise Recommended verified device
SMS/MMS	yes
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP68 according to EN/IEC 60529 MIL-STD-810H
Mass	400 g
Dimensions	
W x H x D	84 mm x 172 mm x 18 mm / 25 mm
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	EPS 23 ATEX 1 098 X
ATEX marking	Ⓔx II 3G Ex ic IIC T4 Gc Ⓔx II 3D Ex ic IIIC T135 °C Dc Ta = -20 °C to +60 °C
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 23.0021X
IECEx marking	Ex ic IIC T4 Gc Ex ic IIIC T135 °C Dc Ta = -20 °C to +60 °C
Further approvals	Wi-Fi CERTIFIED™ Google ARCore ready PTCRB GCF
General information	
Note	Android is a trademark of Google LLC. [1] no SD Card memory extension
Scope of delivery	Smart-Ex® 03 Li-Ion battery Charger USB cable Screwdriver Documentation

Accessories

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

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