



Smartphone

Smart-Ex® 03

SMART-EX03-DZ1-AIC-C128-COM-..

- Android™ 15 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
- Global certificates - a common hardware platform
- PTCRB and GCF certified
- 13 MP camera for HD video recording, high-quality images and optimized for scanning solutions

Smart-Ex 03 CAMERA ONLY MODE, DZ1 (DIV 1 and Zone 1/21), Android™, with Camera, 128 GB, global version



Technical Data

General specifications

Description	<ul style="list-style-type: none"> · Camera Only - Kiosk mode limits the functionality of the Smart-Ex 03 to the use of the camera function only. · The phone functions at software level are deactivated and access to the phone functions is not possible. · Wifi is not available - deactivated in the Smart-Ex 03 camera solution. · SIM card slots are physically present but not functional as the phone functions are deactivated at software level. · No hardware modifications have been made to the Smart-Ex 03 camera solution.
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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
Optional data memory	
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
Brightness	
Screen protection	Extreme shock and scratch resistant Gorilla® glass
Special Features	Can be operated while wearing gloves

Release date: 2025-10-22 Date of issue: 2025-10-22 Filename: 480994-100002_eng.pdf

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

Technical Data

Key	Multifunction button as camera shutter 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
Software	
Operating system	Android™ 15 Android™ Enterprise Recommended verified device
Cybersecurity	
IT security	
Biometrics	Fingerprint sensor in power button
Updates	Security updates until October 2030 Security update frequency every 90 days Operating system upgrades up to Android™ 15
Certificates	Common Criteria (CC)
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 1 094 X
ATEX marking	Ⓜ II 2G Ex ia IIC T4 Gb Ⓜ II 2D Ex ia IIIC T135 °C Db Ta = -20 °C to +60 °C
International approvals	
IECEx approval	
IECEx certificate	IECEx EPS 23.0021X
IECEx marking	Ex ia IIC T4 Gb Ex ia IIIC T135 °C Db Ta = -20 °C to +60 °C
UKCA approval	
UKCA certificate	EPS23 UKEX 1 095 X
UKCA marking	Ⓜ II 2G Ex ia IIC T4 Gb Ⓜ II 2D Ex ia IIIC T135 °C Db
Approved for	Global
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.