



Smartphone

Smart-Ex® 03

SMART-EX03-DZ1-AIX-C128-COM-..

- 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
- Optional with a service contract

CAMERA ONLY MODE, with Camera, global version



Technical Data

General specifications

Description

- 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.

Hardware

Processor

Qualcomm Dragonwing™ QCM6490 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 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

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

Software

Release date: 2026-09-01 Date of issue: 2026-09-01 Filename: 480994-100110_eng.pdf

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

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PEPPERL+FUCHS

Technical Data

Operating system	Android™ 15 Android™ Enterprise Recommended verified device
Cybersecurity	
IT security	
Biometrics	Fingerprint sensor in power button
Updates	Security updates until November 2032 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	
Height	25 mm / 18 mm
Width	84 mm
Length	172 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	Albania, Argentina, Armenia, Australia, Austria, Azerbaijan, Azores (Portugal), Bahrain, Belgium, Belize, Bosnia, Brunei, Bulgaria, Canada, Ceuta, Colombia, Croatia, Cyprus, Czech Rep., Denmark, Dominican Republic, Ecuador, Egypt, El Salvador, Estonia, Finland, France, French-Guyana, Germany, Greece, Guyana, Hungary, Iceland, India, Iraq, Ireland, Italy, Jordan, Kazakhstan, Kuwait, Kyrgyzstan, Latvia, Liechtenstein, Lithuania, Luxembourg, Malaysia, Malta, Montenegro, Morocco, Netherlands, New Zealand, Nigeria, Northern Ireland, Norway, Oman, Peru, Philippines, Poland, Portugal, Qatar, Romania, Serbia, Singapore, Slovak Republic, Slovenia, Spain, Suriname, Sweden, Switzerland, Thailand, Trinidad and Tobago, Turkey, UAE, United Kingdom, Uruguay, USA, Vietnam
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.