



# Smartphone

## Smart-Ex® 03

### SMART-EX03-DZ1-AIC-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

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"> <li>· Camera Only - Kiosk mode limits the functionality of the Smart-Ex 03 to the use of the camera function only.</li> <li>· The phone functions at software level are deactivated and access to the phone functions is not possible.</li> <li>· Wifi is not available - deactivated in the Smart-Ex 03 camera solution.</li> <li>· SIM card slots are physically present but not functional as the phone functions are deactivated at software level.</li> <li>· No hardware modifications have been made to the Smart-Ex 03 camera solution.</li> </ul>
-------------	---

### 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 <sup>1</sup>
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
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
-----------	--

Release date: 2025-12-16 Date of issue: 2025-12-16 Filename: 480994-100002\_eng.pdf

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

## Technical Data

<b>Software</b>		
Operating system		Android™ 15 Android™ Enterprise Recommended verified device
<b>Cybersecurity</b>		
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)
<b>Ambient conditions</b>		
Ambient temperature		-20 ... 60 °C (-4 ... 140 °F)
<b>Mechanical specifications</b>		
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
<b>Data for application in connection with hazardous areas</b>		
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
<b>International approvals</b>		
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
<b>General information</b>		
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](http://www.pepperl-fuchs.com).