



## Smartphone

### Smart-Ex® 03

SMART-EX03-DZ1-KOR-C128-COM-..

- Global certificates - a common hardware platform
- Android™ 13 operating system
- 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, version for South Korea



## 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>
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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 <sup>1</sup>
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	Multifunction button as camera shutter Power button with fingerprint sensor Volume up/down

### Electrical specifications

Battery type	Li-Ion battery , 4400 mAh
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### 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
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### Software

Release date: 2025-06-03 Date of issue: 2025-06-03 Filename: 480994-100034\_eng.pdf

## Technical Data

Operating system	Android™ 13 Android™ Enterprise Recommended verified device
<b>Cybersecurity</b>	
IT security	
Biometrics	Fingerprint sensor in power button
Updates	Security updates until October 2029 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
KCC approval	
KCC certificate	24-KA4BO-0673X 24-KA4BO-0672X
KCC marking	Ex ia IIC T4 Gb Ex ia IIIC T135°C Db
Approved for	South Korea
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).