Data Sheet

ECOM SMART-EX03-DZ1
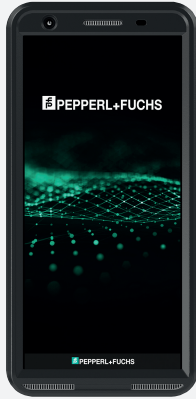
Camera Only Mode

- 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, 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® 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	Can be operated while wearing gloves Extreme shock and scratch resistant Gorilla® glass
Touchscreen technology	Capacitive multitouch
Screen diagonal	15.24 cm / 6 inch
Resolution	1080 x 2160 pixels
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™ 13 Android™ Enterprise Recommended verified device

Ambient conditions

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

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Technical Data

Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP68 , 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.

Release date: 2024-10-15 Date of issue: 2024-10-15 Filename: 480994-100002_eng.pdf

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