



Smartphone



Smart-Ex02-ROW-DZ1AIC-ANDCCO..

- Global certificates - a common hardware platform
- Android™ 11 operating system
- 12 MP camera for HD video recording

Smart-Ex 02 CAMERA ONLY MODE, DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, with camera, global version



Technical Data

General specifications	
Description	Camera Only Mode
Hardware	
Processor	Qualcomm Snapdragon 450
RAM	3 GByte
Camera	
Front camera	5 MP
Main camera	12 MP with autofocus and LED flash
Video recording resolution	1080p, 720p, 480p (main camera)
Internal data memory	32 GByte
Optional data memory	Micro SD flash card up to 128 GByte
Speaker	Forward facing main speaker with Gore® cone
Indicators/operating means	
Display	Extreme shock and scratch resistant Gorilla® Glass with glove touch and wet mode
Touchscreen technology	Capacitive multitouch
Screen diagonal	12.7 cm
Resolution	720 x 1280 pixels
Electrical specifications	
Battery type	Li-Ion battery 16.28 WH 3.7 V 4400 mAh
Software	
Operating system	Android™ 11
Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP68 , MIL-STD-810G
Connection	7-pins water-proof magnetic USB 2.0 port
Mass	approx. 380 g
Dimensions	
W x H x D	82 mm x 163 mm x 22 mm
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	EPS 19 ATEX 1 068 X

Release date: 2024-02-14 Date of issue: 2024-02-14 Filename: 480986-100049_eng.pdf

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

Technical Data

ATEX marking	<ul style="list-style-type: none"> Ⓜ II 2G Ex ib op is IIC T4 Gb IP64 Ⓜ II 2D Ex ib op is IIIC T120°C Db Ta = -20 °C to +60 °C
International approvals	
SGS approval	
SGS certificate	<ul style="list-style-type: none"> CI I, II, III, Division 1 Group A-G T4 IP 64 Ex ib op is IIC T4 Gb Ex ib op is IIIC T120°C C Db CI 1 Zn 1, AEx ib op is IIC T4 Gb Zn 21, AEx ib op is IIIC T120°C Db Ta = -20 °C to +60 °C, IP 64
IECEx approval	
IECEx certificate	IECEx EPS 19.0031X
IECEx marking	<ul style="list-style-type: none"> Ex ib op is IIC T4 Gb IP64 Ex ib op is IIIC T120°C Db Ta = -20 °C to +60 °C
Approved for	<ul style="list-style-type: none"> Albania, Australia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Brunei, Bulgaria, Canada, Ceuta, Croatia, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, India, Iraq, Ireland, Israel, Italy, Kuwait, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malaysia, Malta, Mexico, Montenegro, Myanmar, Netherlands, New Zealand, Norway, Oman, Peru, Philippines, Poland, Portugal, Romania, Saudi Arabia, Serbia, Singapore, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Thailand, Turkey, United Arab Emirates, United Kingdom, Uzbekistan, Vietnam, USA
General information	
Note	Android is a trademark of Google LLC.
Scope of delivery	<ul style="list-style-type: none"> Smart-Ex® 02 Li-Ion battery Charger USB cable Screwdriver Documentation Camera Only Mode