



Tablet computer



TAB-EXPRODZ2-WWANEUR-CN00..

- First 10.1" (25.54 cm) Android™ tablet for hazardous areas
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- Comprehensive security thanks to Samsung KNOX
- Accessories and peripheral devices allow a wider range of applications
- Suitable for use with gloves
- NFC technology for wireless applications
- GPS
- Replaceable battery
- Memory expansion up to 512 GB possible
- Global certificates - a common platform
- Latest available Android™ version for this device
- 13 MP rear camera + 8 MP front camera
- Non-Camera version possible
- MIL-STD-810H

Tab-Ex Pro DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. Wi-Fi, with camera, version for Europe



Technical Data

Hardware	
Processor	Octa-Core, 2x 2 GHz + 6x 1,7 GHz Qualcom SDM670
Working memory	RAM 4 GByte
Camera	
Front camera	8 MP
Main camera	13 MP Autofocus
Video recording resolution	UHD 4K (3840 x 2160 Pixel) @ 30 fps
Internal data memory	64 GByte
Sensors	Accelerometer, barometer, fingerprint sensor, position sensor, compass, hall sensor, ambient light sensor, proximity sensor
Indicators/operating means	
Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	25.54 cm (10 ")
Aspect ratio	16:10
Resolution	1920 x 1200 (WUXGA)
Brightness	480 cd/m ² (nit)
Colors	16 Mio.
Electrical specifications	
Battery type	Li-Ion battery 28.12 WH 3.8 V 7400 mAh
Operating duration	up to 15 h
Communication	
Mobile standard	
2G	GSM: 850 / 900 / 1800 / 1900 MHz
3G	UMTS: B1, B2, B4, B5, B8
4G	LTE FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B17, B20, B28, B66 LTE TDD: B38, B40, B41

Release date: 2024-05-16 Date of issue: 2024-05-16 Filename: 480987-100008_eng.pdf

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

Technical Data

WLAN	802.11 a/b/g/n/ac (2,4 GHz + 5 GHz), VHT80
Bluetooth	Bluetooth® 5.0 (LE bis zu 2 MBit/s)
GPS sensor	GPS, Glonass, Beidou, Galileo
USB	USB 3.1 Gen. 1
Connections	Wi-Fi Direct, NFC, ANT+
SIM card	1x Nano SIM (4FF)
Software	
Operating system	Android™ 11
Languages	Deutsch , English (default)
Safety	Samsung KNOX 3.2
SMS/MMS	yes
Ambient conditions	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
Mechanical specifications	
Degree of protection	IP64
Mass	930 g
Dimensions	H x W x D 170.2 mm x 243.5 mm x 9.9 mm
Data for application in connection with hazardous areas	
ATEX approval	
Certificate of conformity	EPS 20 ATEX 1 131 X
ATEX marking	Ⓜ II 3G Ex ic IIC T5 Gc Ⓜ II 3D Ex ic IIIB T80°C Dc
International approvals	
SGS approval	SGSNA/20/SUW/00063X
Approved for	Class I, Division 2, Groups A - D T5 Class I, Zone 2, Group IIC T5
IECEx approval	
IECEx certificate	IECEx EPS 20.0050X
IECEx marking	Ex ic IIC T5 Gc Ex ic IIIB T80°C Dc
Approved for	Europe
Further approvals	MIL-STD-810H
General information	
Scope of delivery	Tab-Ex Pro incl. battery Ex-protective cover S Pen Charger Documentation