



## Tablet computer



### Tab-Ex02-DZ2-WWANZAF-ANDCN00..

- Replaceable SIM
- Global certificates - a common platform
- Wireless connections such as WWAN, 4G LTE, WLAN, etc.
- Camera (front and main/optional)
- 8 MP camera with built-in flash on the main screen
- 5 MP front camera
- 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
- Android 9 operating system
- Complete HART DD Library
- DevComDroid Smart Device Communicator App
- Viator® BT Bluetooth® HART Modem
- Complete kit is pre-installed for customer
- Tab-Ex02 DZ2 with HART Communicator Kit
- Latest available Android version for this device

Tab-Ex 02 DZ2 (DIV 2 & Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. WiFi, with camera, version for South Africa

## Technical Data

### Hardware

Processor	Exynos 7 Octa, 1.6 GHz Octa-core (Cortex®-A53)
Working memory	RAM 3 GByte
Camera	
Front camera	5 MP
Main camera	8 MP Autofocus
Video recording resolution	Full HD (1920 x 1080 pixels) @ 30 fps
Internal data memory	16 GByte
Sensors	Acceleration sensor, proximity and ambient light sensor, gyroscope, geomagnetic, Hall sensor, facial recognition

### Indicators/operating means

Display	Can be operated while wearing gloves
Touchscreen technology	Capacitive multitouch
Type	TFT, LCD
Screen diagonal	20.31 cm
Resolution	1280 x 800 (WXGA)
Brightness	480 nit
Colors	16 Mio.

### Electrical specifications

Battery type	Li-Ion battery 16.91 WH 3.8 V 4450 mAh
Operating duration	up to 11 h

### Communication

Mobile standard	LTE Cat. 6 (300 Mbps)
2G	GSM 850 MHz, GSM 900 MHz, DCS 1800 MHz, PCS 1900 MHz
3G	UMTS band: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)

Release date: 2020-12-09 Date of issue: 2020-12-09 Filename: 480982-100250\_eng.pdf

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

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0002  
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222  
pa-info@de.pepperl-fuchs.com





Singapore: +65 6779 9091  
pa-info@sg.pepperl-fuchs.com

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## Technical Data

4G	LTE band: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B17 (700), B20 (800), B28 (700)
WLAN	802.11 a/b/g/n/ac (2.4 GHz + 5 GHz)
Bluetooth	Bluetooth® 4.2
GPS sensor	GPS, Glonass, Beidou
USB	USB 2.0
Connections	Wi-Fi Direct, NFC, ANT+
SIM card	1 x Nano SIM (4FF)
<b>Software</b>	
Operating system	Android™
Languages	Deutsch English (default)
Safety	Samsung KNOX 3.2
SMS/MMS	yes
<b>Ambient conditions</b>	
Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
<b>Mechanical specifications</b>	
Degree of protection	IP64
Mass	Wi-Fi 575 g WWAN 579 g
Dimensions	H x W x D 127.6 mm x 247.7 mm x 9.9 mm
<b>Data for application in connection with hazardous areas</b>	
ATEX approval	
Certificate of conformity	EPS 18 ATEX 1 055 X
ATEX marking	Ⓜ II 3G Ex ic IIC T5 Gc Ⓜ II 3D Ex ic IIIB T100 °C Dc
<b>International approvals</b>	
CSA approval	
CSA certificate	70166734
Approved for	Class I, Division 2, Groups A, B, C, D T5 Class I, Zone 2, Group IIC T5
IECEx approval	
IECEx certificate	IECEx EPS 18.0029X
IECEx marking	Ex ic IIC T5 Gc Ex ic IIIB T100 °C Dc
IA approval	
Approved for	MASC S/18-1124X South Africa
<b>General information</b>	
Scope of delivery	Tab-Ex® 02 Battery Ex-protective cover S Pen USB cable Travel charger Documentation

## Accessories

	<b>DC T01 X2 (EU / UK / AUS / NZ)</b>	Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2
	<b>DC T01 X2 (US)</b>	Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2
	<b>LC T01 X2</b>	Leather case for Tab-Ex® 01 and 02 D2/Z2/DZ2
	<b>CH T01 X2</b>	Chest strap carrying system







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## Accessories

	<b>BP T01 X2</b>	Battery pack
	<b>BC T01</b>	Belt loop with carabiner
	<b>S Pen Tips u. Tweezers</b>	Tip ends and tip removal tweezers for ST T02 X2
	<b>PC T02</b>	USB connection cable
	<b>Samsung EVO PLUS microSDXC</b>	256 GB microSD card for Tab-Ex® 02
	<b>HM-MT-BT-EX-010041</b>	Interface for wireless communication between PC host and HART field devices