



Tablet computer

Tab-Ex02-DZ1-WWANCOG-ANDCN00..

- Replaceable SIM
- 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
- Global certificates - a common platform
- Complete HART DD Library
- DevComDroid Smart Device Communicator App
- Viator® BT Bluetooth® HART Modem
- Complete kit is pre-installed for customer
- Out of box experienced (OOBE)
- Latest available Android version for this device

Tab-Ex 02 DZ1 (DIV 1 & Zone 1/21), latest available Android firmware release, WWAN (LTE) incl. WiFi, with camera, version for Republic of Congo

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)





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




















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)
Software	
Operating system	Android™
Languages	Deutsch English (default)
Safety	Samsung KNOX 3.2
SMS/MMS	yes
Ambient conditions	
Ambient temperature	-20 ... 50 °C (-4 ... 122 °F)
Mechanical specifications	
Degree of protection	IP64
Mass	1250 g
Dimensions	H x W x D 162 mm x 256 mm x 33.3 mm
Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	SIRA 19 ATEX 1017 X
ATEX marking	Ⓜ II 2G Ex db ia op is IIC T5 Gb Ⓜ II 2D tb ia op is IIIC T100 °C Db
International approvals	
CSA approval	
CSA certificate	19.80012318X
Approved for	Class I, II, Division 1, Groups A-G T5 Class I, Zone 1, AEx db ia op is IIC T5 Gb Zone 21 AEx tb ia op is IIIC T100°C Db
IECEX approval	
IECEX certificate	IECEX SIR 19.0012X
IECEX marking	Ex db ia op is IIC T5 Gb Ex tb ia op is IIIC T100 °C Db
Approved for	Republic of the Congo
General information	
Scope of delivery	Tab-Ex® 02 Battery Stylus holder S Pen Safety Box USB cable Travel charger Documentation

Accessories

	TC T02 (UK) TRAVEL CHARGER	Travel charger
	LC T01 X1	Leather bag
	CH T01 X1	Chest strap carrying system
	Carrying Strap (cushioned)	Carrying strap (padded) for leather bags

Accessories

	VH T01 X1e Vehicle Holder (passiv) Non-Ex	Vehicle mount
	CC S01-R	Car charger
	ST T02 X2 S Pen	S Pen
	S Pen Tips u. Tweezers	Tip ends and tip removal tweezers for ST T02 X2
	LC T01 X2	Leather case for Tab-Ex® 01 and 02 D2/Z2/DZ2
	CH T01 X2	Chest strap carrying system
	SB T01 Safety Box für Tab-Ex 01 / 02 DZ1	Safety Box
	TC T02 (EU) Travel Adapter	Travel charger
	TC T02 (US) Travel Adapter	Travel charger
	TC T02 (AU) Travel Adapter	Travel charger
	Samsung EVO PLUS microSDXC	256 GB microSD card for Tab-Ex® 02
	PC T01	USB connection cable
	BC T01	Belt loop with carabiner
	PSA1uB1E-E	Micro-USB to Ethernet Adapter
	Tether ST 01 Stylus	Stylus tether
	DS T01 X1 (EU)	Docking station
	DS T01 X1 (US)	Docking station
	DS T01 X1 (UK)	Docking station
	DS T01 X1 (AU)	Docking station