



Tablet computer



Tab-Ex02-DZ2-WIFINAM-ANDCN00..

- Global certificates - a common platform
- 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
- Latest available Android version for this device

Tab-Ex 02 DZ2 (DIV 2 & Zone 2/22), latest available Android firmware release, WiFi, with camera, version for Northern America

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

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+

Software

Operating system	Android™
Languages	Deutsch English (default)
Safety	Samsung KNOX 3.2

Ambient conditions

Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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Technical Data

Mechanical specifications	
Degree of protection	IP64
Mass	Wi-Fi 575 g
Dimensions	H x W x D 127.6 mm x 247.7 mm x 9.9 mm
Data for application in connection with hazardous areas	
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
International approvals	
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
Approved for	Northern America
General information	
Scope of delivery	Tab-Ex® 02 Battery Ex-protective cover S Pen USB cable Travel charger Documentation

Accessories

	DC T01 X2 (EU / UK / AUS / NZ)	Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2
	DC T01 X2 (US)	Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2
	LC T01 X2	Leather case for Tab-Ex® 01 and 02 D2/Z2/DZ2
	CH T01 X2	Chest strap carrying system
	BP T01 X2	Battery pack
	BC T01	Belt loop with carabiner
	S Pen Tips u. Tweezers	Tip ends and tip removal tweezers for ST T02 X2
	PC T02	USB connection cable
	Samsung EVO PLUS microSDXC	256 GB microSD card for Tab-Ex® 02
	HM-MT-BT-EX-010041	Interface for wireless communication between PC host and HART field devices

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