

# Data Sheet Tab-Ex<sup>®</sup> Pro

## DZ2



<b>ATEX (Europa)</b> 	Ⓜ II 3G Ex ic IIC T5 Gc Ⓜ II 3D Ex ic IIIB T80°C Dc Ta= -20°C to +55°C
<b>IECEX (International)</b> 	Ex ic IIC T5 Gc Ex ic IIIB T80°C Dc Ta= -20°C to +55°C
<b>SGS (NEC / CEC)</b> 	Class I, Division 2, Groups A,B,C,D T5 Class I, Zone 2, Group IIC, T5 Ta = -20 °C to +55 °C

### Technical Data

<b>Operating System</b>	Android™ Unless otherwise specified, the product is shipped with the latest firmware release. Latest firmware release: Android™ 11
<b>Chipset</b>	Octa-Core, 2x 2 GHz + 6x 1.7 GHz Qualcomm SDM670
<b>Memory</b>	RAM: 4 GB, Memory: 64 GB, with external MicroSD up to 512 GB
<b>Display</b>	1920 x 1200 pixels (WUXGA), 10.1", TFT, 480 nit Brightness, Operation: also with gloves / in wet conditions & snow
<b>Sensors</b>	Accelerometer, barometer, fingerprint sensor, position sensor, compass, hall sensor, ambient light sensor, proximity sensor
<b>Dimensions</b>	170.2 mm x 243.5 mm x 9.9 mm, 930 g
<b>Operating temperature</b>	-20 °C ... +55 °C
<b>Degree of protection</b>	IP64 according to EN/IEC 60079-0 (ATEX/ IECEx) IP68* according to EN/IEC 60529 (industrial standard) and MIL-STD-810H *IP68 is based on test conditions for submersion in up to 1.5 meters of freshwater for up to 30 minutes. Not advised for beach or pool use. Water or dust damage not covered by warranty.
<b>Connectivity</b>	<ul style="list-style-type: none"> <li>■ Wi-Fi Direct, NFC, ANT+</li> <li>■ Bluetooth® 5.0 (LE up to 2 MBit/s)</li> <li>■ WLAN 802.11 a/b/g/n/ac (2.4 GHz + 5 GHz), VHT80</li> <li>■ GPS, Glonass, Beidou, Galileo</li> <li>■ USB 3.1 Gen. 1</li> </ul>
<b>Frequency Bands</b>	ROW WWAN version only Supported cellular frequency bands: 4G LTE FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B17, B20, B28, B66 4G LTE TDD: B38, B40, B41 3G UMTS: B1, B2, B4, B5, B8 2G GSM: 850 / 900 / 1800 / 1900 MHz  NAM WWAN version only Supported cellular frequency bands: 4G LTE FDD: B2, B3, B4, B5, B7, B12, B13, B14, B17, B25, B26, B29, B66, B71 4G LTE TDD: B41 3G UMTS: B1, B2, B4, B5, B8
<b>Security</b>	Samsung KNOX, Face Recognition
<b>Camera: Rear + Front</b>	13 MP AF + 8 MP / optional: Non-Camera UHD 4K (3840 x 2160 Pixel) @ 30 fps
<b>Battery</b>	Li-Ion battery 28.12 WH 3.8 V 7400 mAh / up to 15 hours battery life