

Data Sheet Tab-Ex[®] Pro

DZ2



ATEX (Europa) 	II 3G Ex ic IIC T5 Gc II 3D Ex ic IIIB T80°C Dc Ta= -20°C to +55°C
IECEX (International) 	Ex ic IIC T5 Gc Ex ic IIIB T80°C Dc Ta= -20°C to +55°C
SGS (NEC / CEC) 	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

Operating System	Android™ Unless otherwise specified, the product is shipped with the latest firmware release. Latest firmware release: Android™ 10
Chipset	Octa-Core, 2x 2 GHz + 6x 1.7 GHz Qualcom SDM670
Memory	RAM: 4 GB, Memory: 64 GB, with external MicroSD up to 512 GB
Display	1920 x 1200 pixels (WUXGA), 10.1", TFT, 480 nit Brightness, Operation: also with gloves / in wet conditions & snow
Sensors	Accelerometer, barometer, fingerprint sensor, position sensor, compass, hall sensor, ambient light sensor, proximity sensor
Dimensions	170.2 mm x 243.5 mm x 9.9 mm, 930 g
Operating temperature	-20 °C ... +55 °C
Degree of protection	IP64 according to EN/IEC 60079-0 (ATEX/ IECEx) IP68* according to EN/IEC 60259 (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.
Connectivity	<ul style="list-style-type: none"> ■ Wi-Fi Direct, NFC, ANT+ ■ Bluetooth® 5.0 (LE up to 2 MBit/s) ■ WLAN 802.11 a/b/g/n/ac (2.4 GHz + 5 GHz), VHT80 ■ GPS, Glonass, Beidou, Galileo ■ USB 3.1 Gen. 1
Frequency Bands	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
Security	Samsung KNOX, Face Recognition
Camera: Rear + Front	13 MP AF + 8 MP / optional: Non-Camera UHD 4K (3840 x 2160 Pixel) @ 30 fps
Battery	Li-Ion battery 28.12 WH 3.8 V 7400 mAh / up to 15 hours battery life