

Data Sheet Tab-Ex[®] 02

DZ2



ATEX



Ⓜ II 3G Ex ic IIC T5 Gc
 Ⓜ II 3D Ex ic IIIB T100°C Dc
 Ta= -20°C to +55°C

IECEX



Ex ic IIC T5 Gc
 Ex ic IIIB T100°C Dc
 Ta= -20°C to +55°C

CSA



Northern America:
 Class I, Division 2, Groups A,B,C,D T5
 Class I Zone 2 Group IIC T5
 Ta = -20°C to +55°C

Further approvals at: www.ecom-ex.com

Technical Data

Operating System	Android™ Unless otherwise specified, the product is shipped with the latest firmware release. Latest firmware release: Android™ 9
Chipset	Exynos 7 Octa, 1.6 GHz Octa-Core (Cortex®-A53)
Memory	RAM: 3 GB, Memory: 16 GB, with external MicroSD up to 256 GB
Display	1280 x 800 pixels (WXGA), 8", TFT, 480 nit Brightness, Operation: also with gloves / in wet conditions & snow
Sensors	Face Recognition, NFC, Accelerometer, Proximity, Light, Gyroscope, Geomagnetic, Hall, GPS
Dimensions	127.6 x 214.7 x 9.9 mm, 575 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-810G <small>*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.</small>
Connectivity	<ul style="list-style-type: none"> ■ LTE Cat.6 (300Mbps) ■ Wi-Fi 802.11 a/b/g/n/ac (2.4 GHz + 5 GHz) ■ Wi-Fi Direct ■ Bluetooth® 4.2
Frequency Bands	<p>ROW WWAN version only</p> <p>Supported cellular frequency bands: 4G LTE FDD: B1(2100), B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B8(900), B17(700), B20(800), B28(700) 4G LTE TDD: B38(2600), B40(2300) 3G UMTS: B1(2100), B2(1900), B4(AWS), B5(850), B8(900) 2G GSM: 850 / 900 / 1800 / 1900 MHz</p> <p>NAM WWAN version only</p> <p>Supported cellular frequency bands: 4G LTE FDD: B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B12(700), B13(700), B29(700) 3G UMTS: B1(2100), B2(1900), B5(850), B8(900)</p>
Security	Samsung KNOX 3.2, Face Recognition
Camera: Rear + Front	8 MP AF + 5 MP / optional: Non-Camera
Battery	Li-Ion battery 3.8 V / 4,450 mAh / 16.91 Wh / up to 11 hours battery life