

Data Sheet Tab-Ex[®] 02

DZ1



ATEX



⊕ II 2G Ex db ia op is IIC T5 Gb
 ⊕ II 2D Ex tb ia op is IIIC T100°C Db
 Ta= -20°C to +50°C

IECEX



Ex db ia op is IIC T5 Gb
 Ex tb ia op is IIIC T100°C Db
 Ta= -20°C to +50°C

CSA



US:
 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
 Ta = -20°C to +50°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, Internal data storage: 16 GB, with external MicroSD up to 256 GB Please note: For safety reasons, the SD card cannot be installed or replaced after delivery.
Display	1280x800 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	162.1 x 256.0 x 33.3 mm, ca. 1250 g
Operating temperature	-20 °C ... +50 °C
Degree of protection	IP64 according to EN/IEC 60079-0 (ATEX/ IECEx) IP65 according to EN/IEC 60259 (industrial standard)
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	ROW WWAN version only 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 NAM WWAN version only 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)
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