

# Data Sheet Tab-Ex<sup>®</sup> 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

### Technical Data

<b>Operating System</b>	Android™ Oreo 8.1 or 9
<b>Chipset</b>	Exynos 7 Octa, 1.6 GHz Octa-Core (Cortex®-A53)
<b>Memory</b>	RAM: 3 GB, Memory: 16 GB, with external MicroSD up to 256 GB
<b>Display</b>	1280x800 pixels (WXGA), 8", TFT, 480 nit Brightness, Operation: also with gloves / in wet conditions & snow
<b>Sensors</b>	Face Recognition, NFC, Accelerometer, Proximity, Light, Gyroscope, Geomagnetic, Hall, GPS
<b>Dimensions</b>	162.1 x 256.0 x 33.3 mm, ca. 1250 g
<b>Operating temperature</b>	-20 °C ... +50 °C
<b>Connectivity</b>	<ul style="list-style-type: none"> <li>■ LTE Cat.6 (300Mbps)</li> <li>■ Wi-Fi 802.11 a/b/g/n/ac (2.4 GHz + 5 GHz)</li> <li>■ Wi-Fi Direct</li> <li>■ Bluetooth® 4.2</li> </ul>
<b>Frequency Bands</b>	<p>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</p> <p>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)</p>
<b>Security</b>	Samsung KNOX 3.2, Face Recognition
<b>Camera: Rear + Front</b>	8 MP AF + 5 MP / optional: Non-Camera
<b>Battery</b>	Li-Ion battery 3.8 V / 4,450 mAh / 16.91 Wh / up to 11 hours battery life