

# Data Sheet Tab-Ex<sup>®</sup> 02

## D2



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

Technical Data	
<b>Operating System</b>	Android™ Unless otherwise specified, the product is shipped with the latest firmware release. Latest firmware release: Android™ 9
<b>Chipset</b>	Exynos 7 Octa, 1.6 GHz Octa-Core (Cortex <sup>®</sup> -A53)
<b>Memory</b>	RAM: 3 GB, Memory: 16 GB, with external MicroSD up to 256 GB
<b>Display</b>	1280 x 800 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, fingerprint sensor
<b>Dimensions</b>	127.6 x 214.7 x 9.9 mm, 579 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 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>
<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<sup>®</sup> 4.2</li> </ul>
<b>Frequency Bands</b>	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)
<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