



# Data Sheet Tab-Ex® 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

|                       |                                                                                                                                                                                  |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating System      | Android™ Oreo 8.1 or 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, fingerprint sensor                                                                    |
| Dimensions            | 127.6 x 214.7 x 9.9 mm, 579 g                                                                                                                                                    |
| Operating temperature | -20 °C ... +55 °C                                                                                                                                                                |
| Degree of protection  | IP64                                                                                                                                                                             |
| Connectivity          | <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>   |
| Frequency Bands       | Supported cellular frequency bands:<br>4G LTE FDD: B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B12(700), B13(700), B29(700)<br>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                                                                                                        |

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