



# 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

**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>               | 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  |
| <b>Dimensions</b>            | 127.6 x 214.7 x 9.9 mm, 575 g  |
| <b>Operating temperature</b> | -20 °C ... +55 °C  |
| <b>Degree of protection</b>  | IP64   |
| <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<br/>Supported cellular frequency bands:<br/>4G LTE FDD: B1(2100), B2(1900), B3(1800), B4(AWS), B5(850), B7(2600), B8(900), B17(700), B20(800), B28(700)<br/>4G LTE TDD: B38(2600), B40(2300)<br/>3G UMTS: B1(2100), B2(1900), B4(AWS), B5(850), B8(900)<br/>2G GSM: 850 / 900 / 1800 / 1900 MHz</p> <p>NAM WWAN version only<br/>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)</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  |

Your automation, our passion.



## Assured Systems

Assured Systems is a leading technology company with over 1,500 regular clients in 80 countries, deploying over 85,000 systems to a diverse customer base in 12 years of business. We offer high-quality and innovative rugged computing, display, networking and data collection solutions to the embedded, industrial, and digital-out-of-home market sectors.

### US

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +1 347 719 4508  
Support: +1 347 719 4508

1309 Coffeen Ave  
Ste 1200  
Sheridan  
WY 82801  
USA

### EMEA

[sales@assured-systems.com](mailto:sales@assured-systems.com)

Sales: +44 (0)1785 879 050  
Support: +44 (0)1785 879 050

Unit A5 Douglas Park  
Stone Business Park  
Stone  
ST15 0YJ  
United Kingdom

VAT Number: 120 9546 28  
Business Registration Number: 07699660