



Data Sheet Tab-Ex® 02 DZ1 Mining



ATEX 	© I M2 Ex db ia op is I Mb Ta= -20°C to +50°C Approved for use in Mining applications Group I M2 Equipment Protection Level Mb.
IECEX 	Ex db ia op is I Mb Ta= -20°C to +50°C Approved for use in Mining applications Group I M2 Equipment Protection Level Mb.

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	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
Connectivity	■ 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	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
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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US

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

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