A PEPPERL+FUCHS BRAND

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.

Further approvals at: **www.ecom-ex.com**

Technical Data

Operating System	Android™ Unless otherwise specified, the product is shipped with the latest firmware release. **Latest firmware release:** Android™ 9
Chipset	Exynos 7 Octa, 1.6 GHz Octa-Core (Cortex®-A53)
Memory	RAM: 3 GB, Internal data storage: 16 GB, with external MicroSD up to 256 GB **Please note:** For safety reasons, the SD card cannot be installed or replaced after delivery.
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 according to EN/IEC 60079-0 (ATEX/ IECEx) IP65 according to EN/IEC 60259 (industrial standard)
Connectivity	▪ Wi-Fi 802.11 a/b/g/n/ac (2.4 GHz + 5 GHz) ▪ Wi-Fi Direct ▪ Bluetooth® 4.2
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

Your automation, our passion.

PEPPERL+FUCHS