

# Data Sheet Smart-Ex<sup>®</sup> 02

## DZ1

### ATEX



(pending)

Ⓜ II 2G Ex ib op is IIC T4 Gb IP64

Ⓜ II 2D Ex ib op is IIIC T120°C Db

Ambient temperature: -20 °C ≤ Ta ≤ +60 °C

### IECEX



(pending)

Ex ib op is IIC T4 Gb IP64

Ex ib op is IIIC T120°C Db

Ambient temperature: -20 °C ≤ Ta ≤ +60 °C

### NEC & CEC



(pending)

Class I, II, III Div. 1 Groups A-G T4

Ambient temperature: -20 °C ≤ Ta ≤ +60 °C



Data Sheet	
<b>Operating System</b>	Android™ 9.0
<b>Processor</b>	Qualcomm Snapdragon 450 platform
<b>Band</b>	Cellular frequency bands: 4G LTE FDD: B1, B2, B3, B4, B5, B7, B8, B11, B12, B13, B20, B21, B25, B26, B28, B66, B71 4G LTE TDD: B38, B39, B40, B41 3G UMTS: 850 / 900 / 1700 / 1900 / 2100 MHz 2G GSM: 850 / 900 / 1800 / 1900 MHz
<b>Memory</b>	3 GB RAM + 32 GB ROM; SD card up to 128 GB
<b>Display</b>	12.7 cm (5.0 inch) extreme shock and scratch resistant Gorilla® Glass with glove touch and wet mode
<b>Ports</b>	<ul style="list-style-type: none"> <li>■ 3.5 mm jack connection with special ecom mounting solution</li> <li>■ 7-pins water-proof magnetic USB 2.0 connector</li> </ul>
<b>Dimensions</b>	163 x 82 x 22 mm
<b>Weight</b>	approx. 380 g
<b>Connectivity</b>	<ul style="list-style-type: none"> <li>■ 4G / LTE -standard (SIM unlocked); LTE Dual SIM; Nano SIM</li> <li>■ WiFi 2.4 Ghz and 5 Ghz support</li> <li>■ WiFi standards 802.11 a/b/g/n/ac/e/k/r/h</li> <li>■ Bluetooth® 4.2 incl. BLE (Bluetooth Low Energy)</li> <li>■ GPS / A-GPS / Glonass / Beidou / Galileo</li> <li>■ NFC</li> </ul>
<b>Camera</b>	12 MP rear with autofocus and LED flash with flashlight function / 5 MP front (optional)
<b>Battery</b>	Replaceable Li-Ion Battery pack with 3.7 V / 4400 mAh / 16.28 Wh
<b>Protection class</b>	IP68, MIL-STD-810G