



# Data Sheet Ex-Handy 10

## DZ1



Ⓜ 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



Ex ib op is IIC T4 Gb IP64  
Ex ib op is IIIC T120°C Db  
Ambient temperature: -20 °C ≤ Ta ≤ +60 °C



Class I, II, III, Division 1, Groups A-G, T4  
Ex ib IIC T4 Gb / Ex ib IIIC T120°C Db  
CL I, Zone 1 AEx ib op is IIC T4 Gb  
Zone 21 AEx ib IIIC T120°C Db

Further approvals at: [www.ecom-ex.com](http://www.ecom-ex.com)



### Technical Data

|                         |                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Operating System</b> | Android™ 9   Android Zero-Touch   Google Play                                                                                                                                                                                                                                        |
| <b>Processor</b>        | Qualcomm Snapdragon MSM8909 platform                                                                                                                                                                                                                                                 |
| <b>Band</b>             | Cellular frequency bands:<br>4G LTE FDD: B1, B2, B3, B4, B5, B7, B8, B11, B12, B13, B20, B21, B25, B26, B28, B66, B71<br>4G LTE TDD: B38, B39, B40, B41 (2540 Mhz to 2640 Mhz)<br>3G UMTS: 850 / 900 / 1700 / 1900 / 2100 MHz<br>2G GSM: 850 / 900 / 1800 / 1900 MHz                 |
| <b>Memory</b>           | 2 GB RAM + 16 GB ROM   microSD card up to 128 GB                                                                                                                                                                                                                                     |
| <b>Display</b>          | <ul style="list-style-type: none"> <li>6,6 cm / (2,6") capacitive multi-touch screen made of extreme shock and scratch resistant Gorilla glass</li> <li>Support of glove and wet mode</li> <li>High Visibility in direct sunlight</li> </ul>                                         |
| <b>Ports</b>            | <ul style="list-style-type: none"> <li>Water-proof magnetic USB 2.0 connector</li> <li>3.5 mm jack connection with special ecom mounting solution</li> </ul>                                                                                                                         |
| <b>Dimensions</b>       | 148 x 67 x 24 mm                                                                                                                                                                                                                                                                     |
| <b>Weight</b>           | approx. 330 g                                                                                                                                                                                                                                                                        |
| <b>Dedicated keys</b>   | Programmable key / Alarm / Power / Multifunction / Volume / Hardware buttons for Android features                                                                                                                                                                                    |
| <b>Connectivity</b>     | <ul style="list-style-type: none"> <li>4G / LTE -standard (SIM unlocked and free); Nano SIM</li> <li>WiFi 802.11 a/b/g/n/e/k/r/h; 2.4 Ghz and 5 Ghz support</li> <li>Bluetooth® 4.2 incl. BLE (Bluetooth Low Energy)</li> <li>GPS / A-GPS / Glonass / Beidou</li> <li>NFC</li> </ul> |
| <b>Camera</b>           | 8 MP rear camera with auto focus (optional) and LED flash with torchlight function                                                                                                                                                                                                   |
| <b>Battery</b>          | 4400 mAh                                                                                                                                                                                                                                                                             |
| <b>Protection</b>       | IP68, MIL-STD-810G                                                                                                                                                                                                                                                                   |

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