



# Data Sheet Ex-Handy 10

## DZ2

ATEX



⊕ II 3G Ex ic IIC T4 Gc IP64  
⊕ II 3D Ex ic IIIC T120°C Dc  
Ambient temperature: -20 °C ≤ Ta ≤ +60 °C

IECEX



Ex ic IIC T4 Gc IP64  
Ex ic IIIC T120°C Dc  
Ambient temperature: -20 °C ≤ Ta ≤ +60 °C

CSA  
(Northern America)



Class I, II, III, Division 2, Groups A-G, T4  
CL I, Zone 2 Groups IIC T4  
Ex ic IIIC T120°C Dc  
Ex ic IIC T4 Gc

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



### Technical Data

|                  |                                                                                                                                                                                                                                                                                      |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating System | Android™ 9   Android Zero-Touch   Google Play                                                                                                                                                                                                                                        |
| Processor        | Qualcomm Snapdragon MSM8909 platform                                                                                                                                                                                                                                                 |
| Band             | 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                 |
| Memory           | 2 GB RAM + 16 GB ROM   microSD card up to 128 GB                                                                                                                                                                                                                                     |
| Display          | <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>                                         |
| Ports            | <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>                                                                                                                         |
| Dimensions       | 148 x 67 x 24 mm                                                                                                                                                                                                                                                                     |
| Weight           | approx. 330 g                                                                                                                                                                                                                                                                        |
| Dedicated keys   | Programmable key / Alarm / Power / Multifunction / Volume / Hardware buttons for Android features                                                                                                                                                                                    |
| Connectivity     | <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> |
| Camera           | 8 MP rear camera with auto focus (optional) and LED flash with torchlight function                                                                                                                                                                                                   |
| Battery          | 4400 mAh                                                                                                                                                                                                                                                                             |
| Protection       | IP68, MIL-STD-810G                                                                                                                                                                                                                                                                   |