



Feature phone

Ex-Handy 10

Ex-Handy10-ROW-DZ2COL-ANDC00..



- Replaceable SIM
- Global certificates - a common hardware platform
- Wireless connections such as WWAN, 4G LTE, WLAN and Bluetooth®
- Android™ Enterprise Recommended verified device
- GPS
- NFC technology for wireless applications
- Service contract
- Special buttons for lone worker protection (LWP) applications
- Programmable hardware buttons
- Latest firmware release: Android™ 9

Ex-Handy 10 DZ2 (DIV 2 and Zone 2/22), latest available Android firmware release, with camera, version for Colombia



Technical Data

General specifications

| | |
|----------|---|
| Function | The Ex-Handy 10 is full WEA 2.0 compliant and is also supporting WEA 3.0 features / functionality except advanced geo location tagging. |
|----------|---|

Hardware

| | |
|----------------------|--|
| Processor | Qualcomm Snapdragon MSM8909 |
| Working memory | RAM 2 GByte |
| Camera | |
| Main camera | 8 MP Autofocus , LED flash |
| Internal data memory | 16 GByte |
| Optional data memory | Micro SD flash card up to 16 GByte |
| Speaker | Forward facing main speaker with Gore® cone |
| Microphone | Dual-mic solution with three selectable background noise suppression options |

Indicators/operating means

| | |
|------------------------|--|
| Display | Can be operated while wearing gloves Extreme shock and scratch resistant Gorilla® glass |
| Touchscreen technology | Capacitive multitouch |
| Screen diagonal | 6.6 cm |
| Key | PTT / Alarm / Power / Multifunction / Volume / Hardware buttons for Android features |

Electrical specifications

| | |
|--------------------|---------------------------------------|
| Battery type | Li-Ion battery 16.3 WH 3.7 V 4400 mAh |
| Operating duration | LTE standby time: up to 600 h |

Communication

| | |
|-----------------|--|
| Mobile standard | |
| 2G | GSM: 850 MHz, 900 MHz, 1800 MHz, 1900 MHz |
| 3G | UMTS: 850 MHz, 900 MHz, 1700 MHz, 1900 MHz, 2100 MHz |
| 4G | LTE FDD: B1, B2, B3, B4, B5, B7, B8, B11, B12, B13, B20, B21, B25, B26, B28, B66, B71 LTE TDD: B38, B39, B40, B41 |
| WLAN | 802.11 a/b/g/n/e/k/r/h (2,4 GHz + 5 GHz) |
| Bluetooth | Bluetooth® 4.2 |
| GPS sensor | GPS, A-GPS, Glonass, Beidou |

Release date: 2024-05-13 Date of issue: 2024-05-13 Filename: 480985-100062_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

Technical Data

| | |
|--|--|
| NFC | yes |
| SIM card | 1x Nano SIM (4FF) |
| Software | |
| Operating system | Android™ 9 , Android™ Zero Touch , Google Play |
| SMS/MMS | yes |
| Ambient conditions | |
| Ambient temperature | -20 ... 60 °C (-4 ... 140 °F) |
| Mechanical specifications | |
| Degree of protection | IP68 , MIL-STD-810G |
| Connection | 7-pins water-proof magnetic USB 2.0 port 3.5 mm jack connection with special ecom mounting solution |
| Mass | 330 g |
| Dimensions | |
| W x H x D | 67 mm x 148 mm x 24 mm |
| Data for application in connection with hazardous areas | |
| ATEX approval | |
| ATEX certificate | EPS 19 ATEX 1 016 X |
| ATEX marking | Ⓜ II 3G Ex ic IIC T4 Gc IP64 Ⓜ II 3D Ex ic IIIC T120°C Dc Ta = -20 °C to +60 °C |
| International approvals | |
| CSA approval | |
| CSA certificate | I.S Class I, Division 2, Groups A-D; T4 Class II, III, Division 2, Groups E-G; T120°C Ex ic IIC T4 Gc / Ex ic IIIC T120°C Dc CL I, Zone 2, AEx ic IIC T4 Gc Zone 22, AEx ic IIIC T120°C Dc |
| IECEX approval | |
| IECEX certificate | IECEX EPS 19.0009X |
| IECEX marking | Ex ic IIC T4 Gc IP64 Ex ic IIIC T120°C Dc Ta = -20 °C to +60 °C |
| Approved for | Colombia |
| General information | |
| Scope of delivery | Ex-Handy 10 Li-Ion battery Charger USB cable Screwdriver Documentation |