



## Feature phone

### Ex-Handy 10

Ex-Handy10-ROW-DZ1BRA-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
- Programmable hardware buttons
- Special buttons for lone worker protection (LWP) applications
- Latest firmware release: Android™ 9

Ex-Handy 10 DZ1 (DIV 1 and Zone 1/21), latest available Android firmware release, with camera, version for Brazil

## 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: 480985-100058\_eng.pdf

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

Pepperl+Fuchs Group  
www.pepperl-fuchs.com

USA: +1 330 486 0002  
pa-info@us.pepperl-fuchs.com

Germany: +49 621 776 2222  
pa-info@de.pepperl-fuchs.com

Singapore: +65 6779 9091  
pa-info@sg.pepperl-fuchs.com

**PEPPERL+FUCHS**

## Technical Data

NFC	yes
SIM card	1x Nano SIM (4FF)
<b>Software</b>	
Operating system	Android™ 9 , Android™ Zero Touch , Google Play
SMS/MMS	yes
<b>Ambient conditions</b>	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
<b>Mechanical specifications</b>	
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	approx. 330 g
Dimensions	
W x H x D	67 mm x 148 mm x 24 mm
<b>Data for application in connection with hazardous areas</b>	
ATEX approval	
ATEX certificate	EPS 19 ATEX 1 015 X
ATEX marking	Ⓜ II 2G Ex ib op is IIC T4 Gb IP64 Ⓜ II 2D Ex ib op is IIIC T120°C Db Ta = -20 °C to +60 °C
<b>International approvals</b>	
CSA approval	
CSA certificate	I.S. Class I, Division 1, Groups A-D; T4 Class II, III, Division 1, Groups E-G; T120°C Ex ib op is IIC T4 Gb / Ex ib op is IIIC T120°C Db CL I, Zone 1, AEx ib op is IIC T4 Gb Zone 21, AEx ib op is IIIC T120°C Db
IECEX approval	
IECEX certificate	IECEX EPS 19.0008X
IECEX marking	Ex ib op is IIC T4 Gb IP64 Ex ib op is IIIC T120°C Db Ta = -20 °C to +60 °C
INMETRO approval	
INMETRO certificate	TÜV 19.1226 X
INMETRO marking	Ex ib op is IIC T4 Gb IP64 Ex ib op is IIIC T120°C Db
Approved for	Brazil
<b>General information</b>	
Scope of delivery	Ex-Handy 10 Li-Ion battery Charger USB cable Screwdriver Documentation

Release date: 2024-05-13 Date of issue: 2024-05-13 Filename: 480985-100058\_eng.pdf