

Technical Data

Feature phone

A PEPPERL+FUCHS BRAND

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

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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-lon 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, A-GPS, Glonass, Beidou



GPS sensor

NFC SIM card SIM card SIM card Software Operating system Operating system SMS/MMS yes Ambient conditions Ambient temperature -20 60 °C (-4 140 °F) Mechanical specifications Degree of protection 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 Data for application in connection with hazardous areas ATEX approval ATEX certificate EPS 19 ATEX 1 015 X ATEX marking ② II 2G Ex ib op is IIIC T1 4 Gb IP64 ③ II 2D Ex ib op is IIIC T120 °C Db Ta = -20 °C to +60 °C International approvals CSA approval GSA certificate IS. Class I, Division 1, Groups A-D: T4 Class II, III, Division 1, Groups B-G: T120 °C Ex ib p is IIC T14 Gb IP1 4 Gb Zone 21, AEx ib op is IIC T120 °C Db Class IIII, Division 1, Groups B-G: T120 °C Ex ib p is IIC T120 °C Db Class II, EX ib op is IIC T120 °C Db Class IIII, Division 1, Groups B-G: T120 °C Ex ib p is IIC T120 °C Db Class IIII, Division 1, Groups B-G: T120 °C Ex ib p is IIC T120 °C Db Class IIII, Division 1, Groups B-G: T120 °C Ex ib p is IIC T120 °C Db Class IIII, Division 1, Groups B-G: T120 °C Ex ib p is IIC T120 °C Db Class IIII T120 °C Db Ta = -20 °C to +60 °C INMETRO approval INMETRO approval INMETRO certificate TÜV 19:1226 X Ex ib op is IIIC T120 °C Ex ib p is iIC T120 °C Db Ex ib p is iIC T120 °C Db Ta = -20 °C to +60 °C	Technical Data	
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Approved for Brazil	Approved for	Brazil
General information	General information	
Scope of delivery Ex-Handy 10 Li-lon battery Charger USB cable Screwdriver Documentation	Scope of delivery	Li-lon battery Charger USB cable Screwdriver

