Feature phone

Ex-Handy 10

Ex-Handy10-ROW-DZ1COL-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 Colombia

CE   Ex   IEC   IECEx™

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

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

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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	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	⟨Ex⟩ II 2G Ex ib op is IIC T4 Gb IP64 ⟨Ex⟩ II 2D Ex ib op is IIIC T120°C Db Ta = -20 °C to +60 °C
International approvals	
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
Approved for	Colombia
General information	
Scope of delivery	Ex-Handy 10 Li-Ion battery Charger USB cable Screwdriver Documentation

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