Feature phone

Ex-Handy 10

Ex-Handy10-ROW-DZ1AIC-ANDCEB..

- ■ 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, eBARCODE app preinstalled, global version

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	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	Albania, Australia, Austria, Azerbaijan, Belgium, Bosnia-Herzegovina, Brunei, Bulgaria, Canada, Ceuta, Croatia, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, India, Iraq, Ireland, Israel, Italy, Kuwait, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malaysia, Malta, Mexico, Montenegro, Myanmar, Netherlands, New Zealand, Norway, Oman, Peru, Philippines, Poland, Portugal, Romania, Saudi Arabia, Serbia, Singapore, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Thailand, Turkey, United Arab Emirates, United Kingdom, Uzbekistan, Vietnam, USA
General information	
Scope of delivery	Ex-Handy 10 Li-Ion battery Charger USB cable Screwdriver Documentation eBARCODE app preinstalled

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

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