



Feature phone



Ex-Handy10-ROW-DZ1AIC-ANDN00..

- Replaceable SIM
- Global certificates - a common hardware platform
- Android 9 operating system
- Wireless connections such as WWAN, 4G LTE, WLAN, etc.
- 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 available Android version for this device

Ex-Handy 10 DZ1 (DIV 1 & Zone 1/21), latest available Android firmware release, no camera, 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
 Optional data memory Micro SD flash card up to 128 GByte
 Internal data memory 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
 NFC yes
 SIM card 1 x Nano SIM (4FF)

Software

Operating system Android™ 9 , Android™ Zero Touch , Google Play
 SMS/MMS yes

Release date: 2021-03-18 Date of issue: 2021-03-18 Filename: 480985-100013_eng.pdf

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

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Technical Data

Ambient conditions	
Ambient temperature	-20 ... 60 °C (-4 ... 140 °F)
Mechanical specifications	
Degree of protection	IP68 , MIL-STD-810G
Connection	Waterproof magnetic USB 2.0 port 3.5 mm jack connection with special ecom mounting solution
Mass	330 g
Dimensions	H x W x D 148 mm x 67 mm x 24 mm
Data for application in connection with hazardous areas	
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
International approvals	
CSA approval	
CSA certificate	Class I, II, III, Division 1, Groups A-G, T4 Ex ib IIC T4 Gb / Ex ib IIIC T120°C Db CL I, Zone 1 AEx ib op is IIC T4 Gb Zone 21 AEx ib 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, Bahrain, Belgium, Bosnia and Herzegovina, Bulgaria, Canada, Ceuta, Croatia, Cyprus, Czech Republic, Denmark, Egypt, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, India, Iraq, Ireland, Israel, Italy, Kuwait, Latvia, Liechtenstein, Lithuania, Luxembourg, Macedonia, Malta, Montenegro, Myanmar, Netherlands, New Zealand, Norway, Peru, Poland, Portugal, Romania, Serbia, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Thailand, Turkey, United Kingdom, USA
General information	
Scope of delivery	Ex-Handy 10 Li-Ion battery Charger USB cable Screwdriver Documentation

Accessories

	BC-Ex	Belt clip with QuickFix
	TORX T8 SCREWDRIVER	Torx screwdriver for Smart-Ex® 02 & Ex-Handy 10
	LC H10	Leather case for Ex-Handy 10
	CR-Ex H10	Cradle for Ex-Handy 10
	DS S02	Docking station
	RL ID01	Retractable Lanyard
	SUCTION CUP HOLDER	Suction cup holder for Smart-Ex 02 & Ex-Handy 10

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Accessories

	LH H10	Leather holster
	CC S01-R	Car charger
	TC S02 Travel Charger	Travel charger
	ST 01	Stylus pen
	Tether ST 01 Stylus	Stylus tether
	MINI QD LOOP	Mini QD Loop
	EXT-C2LCOIL CLIP2LOOP COIL	Clip2Loop Coil Tether
	PC S02	USB Charging Cable for Smart-Ex 02 and Ex-Handy 10