



Feature phone

Ex-Handy10-ROW-DZ2AIC-ANDCCM..



- Provisioning of a full-fledged Android phone
- Limiting the functions to those of a classic phone
- Allowing access only to the necessary phone functions
- Adding self-developed ECOM apps, based on SMT suite
- SMT apps do not have any connection to online services
- All data is stored and remains on the phone locally
- Access to the settings menu to allow the user to personalize his phone

Ex-Handy 10 CLASSIC MODE, DZ2 (DIV 2 and Zone 2/22), Android™ 9, with 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.

Description CLASSIC MODE with Camera

Hardware

Processor Qualcomm Snapdragon MSM8909

Working memory RAM 2 GByte

Camera

Main camera 8 MP Autofocus , LED flash

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

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

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PEPPERL+FUCHS

Technical Data

Applications	CALCULATOR, CLOCK, CONTACTS, DIALER, eFLASH, eRESET, eSENTINEL, GALLERY, SMS Messenger
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 1 016 X
ATEX marking	Ⓜ II 3G Ex ic IIC T4 Gc IP64 Ⓜ II 3D Ex ic IIIC T120°C Dc Ta = -20 °C to +60 °C
International approvals	
CSA approval	
CSA certificate	Class I, II, III, Division 2, Groups A-G, T4 CL I, Zone 2 Groups IIC T4 Ex ic IIC T120°C Dc Ex ic IIC T4 Gc
IECEX approval	
IECEX certificate	IECEX EPS 19.0009X
IECEX marking	Ex ic IIC T4 Gc IP64 Ex ic IIIC T120°C Dc 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

Accessories

	DS S02	Docking station
	RL ID01	Retractable lanyard
	SUCTION CUP HOLDER	Suction cup holder for Smart-Ex 02 and Ex-Handy 10
	BC-Ex	Belt clip with QuickFix
	LH H10	Leather holster

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Accessories

	TC S02 Travel Charger (EU/UK/US/AU)	Travel charger
	LC H10	Leather case for Ex-Handy 10
	CC S01-R	Car charger
	TORX T8 SCREWDRIVER	Torx screwdriver for Smart-Ex® 02 and Ex-Handy 10
	ST 01	Stylus pen
	CR-Ex H10	Cradle for Ex-Handy 10
	Tether ST 01 Stylus	Stylus tether
	MINI QD LOOP	Mini QD loop
	EXT-C2LCOIL	Clip2Loop coil tether
	PC S02	USB Charging Cable for Smart-Ex 02, Ex-Handy 10 and Pocket Unit PU-Ex V01
	SC-Ex	Spring clip with 4QuickFix

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