Feature phone

Ex-Handy 10

Ex-Handy10-ROW-DZ1AIC-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

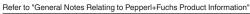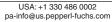Ex-Handy 10 CLASSIC MODE, DZ1 (DIV 1 and Zone 1/21), Android™ 9, with camera, global version

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
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
NFC	yes
SIM card	1x Nano SIM (4FF)

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

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Technical Data

Software

Operating system	Android™ 9 , Android™ Zero Touch
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 1 015 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

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