

EX-HANDY 10 DZ1 - ATEX



NEW INTRINSICALLY SAFE 4G/LTE EX-HANDY 10 DZ1 FOR ZONE 1/21 & DIV 1

For users who need a more advanced mobile phone, the **Ex-Handy 10 Feature Phone is designed to meet this need.**

The Ex-Handy 10 enables the use of a **touch screen** as well as a regular numeric keypad.

DESCRIPTION

The Pepperl+Fuchs brand ecom introduces Ex-Handy 10 - the new generation of intrinsically safe 4G/LTE feature phones for a broad variety of applications - from pure communication to Push-to-Talk or lone worker protection.

The Ex-Handy 10 with Android 8.1 operating system, is the ideal companion for innovative Industry 4.0

applications in hazardous areas. **With IP68 and Gorilla®** Glass you can operate the Ex-Handy 10 in the roughest of environments. With a 5-year product lifecycle and global Ex-certifications to meet all requirements, it provides a low risk investment to the user.

With **customer-specific configurations and customizations**, it also handles the most demanding of situations.

FEATURES

- ▶ IP68 – dust- and waterproof housing + MIL-STD-810G standard
- ▶ Worldwide approvals for Zone 1/21, 2/22 & Class 1 / Div 1 & Div 2
- ▶ Protected in all situations: Special buttons for Push-To-Talk (PTT) & Lone Worker Protection (LWP)
- ▶ Always and everywhere applicable: Excellent readability of the display even in direct sunlight and a long battery life.

TECHNICAL SPECIFICATIONS

ATEX (Europe)	II 2G Ex ib op is IIC T4 Gb IP64 II 2D Ex ib op is IIIC T120°C Db Ambient temperature: -20 °C ≤ Ta ≤ +60 °C
Operating System	Android™ 8.1, Android Zero-Touch, Google Play
Processor	Qualcomm Snapdragon MSM8909 platform
Band	Cellular frequency bands: 4G LTE FDD: B1, B2, B3, B4, B5, B7, B8, B11, B12, B13, B20, B21, B25, B26, B28, B66, B71 4G LTE TDD: B38, B39, B40, B41 3G UMTS: 850 / 900 / 1700 / 1900 / 2100 MHz 2G GSM: 850 / 900 / 1800 / 1900 MHz
Memory	2 GB RAM, 16 GB ROM microSD card up to 128 GB
Display	6,6 cm (2,6") capacitive multi-touch screen made of extreme shock and scratch resistant Gorilla® glass Support of glove and wet mode High Visibility in direct sunlight
Ports	Water-proof magnetic USB 2.0 connector 3.5 mm jack connection with special ecom mounting solution

Dimensions	148 x 67 x 24 mm
Weight	approx. 330 g
Dedicated keys	PTT / Alarm / Power / Multifunction / Volume / Hardware buttons for Android features
Operating temperature	-20 ... +60 °C
Connectivity	4G / LTE -standard (SIM unlocked and free); Nano SIM WiFi 802.11 a/b/g/n/e/k/r/h; 2.4 Ghz and 5 Ghz support Bluetooth® 4.2 incl. BLE (Bluetooth Low Energy) GPS / A-GPS / Glonass / Beidou NFC
Camera	8 MP rear camera with auto focus (optional) and LED flash with torchlight function
Battery	4400 mAh
Protection	IP68, MIL-STD-810G