

Mobile Computing and Communication



Solutions for Industrial Applications and Hazardous Areas

The Pepperl+Fuchs brand ecom, the global leader in mobile equipment for industrial applications and hazardous areas, offers solutions for mobile security and communication that can digitalize customer applications quickly and easily. The result is processes that are safer, more efficient, and more transparent.

Combined with Pepperl+Fuchs' comprehensive portfolio of devices for hazardous areas, ecom solutions enable new, innovative applications and complete solutions. Conventional applications are covered while also laying the groundwork for Industry 4.0 scenarios.



Communication

Smartphone

Smart-Ex® 02



Zone 1/21 & Div. 1
Zone 2/22 & Div. 2

- Android™ 9 | Android Enterprise Recommended
- Dual-SIM
- 12 MP rear / 5 MP front camera (optional)
- LED flash with flashlight function
- 4400 mAh battery
- IP68



Feature Phone

Ex-Handy 10



Zone 1/21 & Div. 1
Zone 2/22 & Div. 2

- Android™ | Android Zero-Touch | Google Play
- Nano-SIM
- 8 MP rear camera with autofocus (optional)
- LED flash with flashlight function
- 4400 mAh
- IP68




Display	Processor and Memory	Communication
<ul style="list-style-type: none"> ■ 5.0 inch Gorilla® Glass 	<ul style="list-style-type: none"> ■ Qualcomm Snapdragon 450 platform ■ 3 GB RAM ■ 32 GB ROM ■ With external microSD up to 128 GB 	<ul style="list-style-type: none"> ■ 4G / LTE standard ■ WiFi 802.11 a/b/g/n/ac/e/k/r/h ■ Bluetooth® 4.2 ■ GPS/A-GPS/GLONASS/BeiDou/Galileo ■ NFC ■ Supports 21 LTE bands
<ul style="list-style-type: none"> ■ 2.6 inch Gorilla® Glass 	<ul style="list-style-type: none"> ■ Qualcomm Snapdragon MSM8909 platform ■ 2 GB RAM ■ 16 GB ROM ■ With external microSD up to 128 GB 	<ul style="list-style-type: none"> ■ 4G / LTE standard ■ WiFi 802.11 a/b/g/n/e/k/r/h ■ Bluetooth® 4.2 ■ GPS/A-GPS/GLONASS/BeiDou ■ NFC ■ Supports 21 LTE bands

Your automation, our passion.

Mobile Computing


Android Tablet

Tab-Ex® 02 DZ1




Zone 1/21 & Div. 1
Zone 2/22 & Div. 2

- Android™ | Knox Mobile Enrollment
- Most used and reliable solution
- Global certifications—one common platform
- Samsung KNOX 3.2, facial recognition
- High-quality 8 MP/5 MP camera with autofocus function (optional)


android 

Windows Tablet

Pad-Ex® 01 P8




Zone 2/22 & Div. 2

- Windows 10 Pro
- 1920 x 1080: high-resolution display
- Widescreen display with sunlight readable solution
- 1-D/2-D barcode scanner (optional)
- 5 MP autofocus camera with LED flash light 

Camera

CUBE 800




Zone 1/21 & Div. 1

- Efficient cooperation with mobile devices (e. g., Smart-Ex® 02)
- Dual camera system with HD optics and thermal imaging technology
- Remote collaboration via Onsite Connect
- Integrated laser pointer and light ring
- Multiuse design

Smartwatch

Smart-Ex® Watch 01




Zone 2/22

- Based on the Samsung Galaxy Watch
- Combination with Smart-Ex® 02 and Ex-Handy 10
- Hands-free navigation via advanced voice control
- Powerful battery for up to 5 days of power
- GPS usage up to 28.5 hours

BT Scanner

Ident-Ex® 01



Zone 1/21 & Div. 1

- Easy to use with one hand
- Pairable with any Bluetooth® device
- Flexibility—online/offline scanning
- Changeable head modules
- Ideal for intensive scanning and 12-hour shifts

Display	Processor and Memory	Communication
<ul style="list-style-type: none"> 8 inch TFT 480 nits brightness 	<ul style="list-style-type: none"> Exynos 7 Octa, 1.6 GHz Octa-Core (Cortex®- A53) RAM: 3 GB Memory: 16 GB, with external microSD (up to 256 GB) 	<ul style="list-style-type: none"> LTE Cat.6 – in LTE model Wi-Fi 802.11 a/b/g/n/ac Wi-Fi Direct Bluetooth® 4.2

<ul style="list-style-type: none"> 11.6 inch HD (1920 x 1080) LCD panel Capacitive multi-touch 	<ul style="list-style-type: none"> Intel® Core™ i5 8th Generation One DDR4 socket for 8 GB M.2 SATA SSD 256 GB (extended temperature range) 	<ul style="list-style-type: none"> WWAN LTE + GPS Combo (optional) Intel Wireless AC9260 802.11 a/b/g/n/ac Bluetooth® 5.0
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	<ul style="list-style-type: none"> 48 GB onboard storage USB cable for file transfer 	<ul style="list-style-type: none"> Onsite Connect software iOS 11, Android™ 5.0 or higher IEEE 802.11 a/b/g/n Dual band Wi-Fi (2.4 GHz and 5 GHz) Bluetooth® 4.1 (LE)
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<ul style="list-style-type: none"> Gorilla® Glass SR + 	<ul style="list-style-type: none"> Exynos 9110 1.0 GHz CA53 Dual, T720 GPU, 10 nm / 8 x 9.5 FOPLP 1.5 GB (LTE) / 768 MB (BT) + 4 GB 	<ul style="list-style-type: none"> Wi-Fi 802.11 b/g/n 2.4 GHz Bluetooth® A2DP AVRCP GPS GLONASS
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	<ul style="list-style-type: none"> Internal storage: 2 MB 2-D QR barcodes = 600+ RFID¹ tags (ID only) = 5000+ <p>¹Tag & environment dependent</p>	<ul style="list-style-type: none"> Bluetooth® Class 2, up to approx. 10 m
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Peripherals



Loc-Ex® 01
Bluetooth® Beacon



RSM-Ex 01
Remote Speaker Microphone



More information at
www.ecom-ex.com

Digital Products and Services

