



## Tablet computer

### TAB-EXPRODZ2-WWANEUR-CN00HM

- First 10.1" (25.54 cm) Android™ tablet for hazardous areas
- Comprehensive security thanks to Samsung KNOX
- Accessories and peripheral devices allow a wider range of applications
- Suitable for use with gloves
- NFC technology for wireless applications
- GPS
- Replaceable SIM
- Wireless connections such as WWAN, 4G LTE, WLAN, etc.
- Replaceable battery
- Memory expansion up to 512 GB possible
- Global certificates - a common platform
- 13 MP rear camera + 8 MP front camera
- Non-Camera version possible
- MIL-STD-810H
- Complete HART DD Library
- DevComDroid Smart Device Communicator App
- Viator® BT Bluetooth® HART Modem
- Complete kit is pre-installed for customer
- Out of box experienced (OOBE)
- Latest available Android™ version for this device

Tab-Ex Pro DZ2 (DIV 2 & Zone 2/22), latest available Android firmware release, WWAN (LTE) incl. WiFi, with camera, incl. HART-Modem, version for Europe



## Technical Data

| Hardware                   |   |
|----------------------------|---|
| Processor                  | Octa-Core, 2x 2 GHz + 6x 1,7 GHz<br>Qualcom SDM670  |
| Working memory             | RAM 4 GByte   |
| Camera                     |   |
| Front camera               | 8 MP  |
| Main camera                | 13 MP Autofocus   |
| Video recording resolution | UHD 4K (3840 x 2160 Pixel) @ 30 fps   |
| Internal data memory       | 64 GByte  |
| Sensors                    | Accelerometer, barometer, fingerprint sensor, position sensor, compass, hall sensor, ambient light sensor, proximity sensor |
| Indicators/operating means |   |
| Display                    | Can be operated while wearing gloves  |
| Touchscreen technology     | Capacitive multitouch   |
| Type                       | TFT, LCD  |
| Screen diagonal            | 25.54 cm (10 ")   |
| Aspect ratio               | 16:10   |
| Resolution                 | 1920 x 1200 (WUXGA)   |
| Brightness                 | 480 cd/m <sup>2</sup> (nit)   |
| Colors                     | 16 Mio.   |
| Electrical specifications  |   |
| Battery type               | Li-Ion battery 28.12 WH 3.8 V 7400 mAh  |
| Operating duration         | up to 15 h  |
| Communication              |   |





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

## Technical Data

|  |   |
|--|---|
| <b>Mobile standard</b>   |   |
| 2G   | GSM: 850 / 900 / 1800 / 1900 MHz  |
| 3G   | UMTS: B1, B2, B4, B5, B8  |
| 4G   | LTE FDD: B1, B2, B3, B4, B5, B7, B8, B12, B13, B17, B20, B28, B66<br>LTE TDD: B38, B40, B41                             |
| WLAN   | 802.11 a/b/g/n/ac (2,4 GHz + 5 GHz), VHT80  |
| Bluetooth  | Bluetooth® 5.0 (LE bis zu 2 MBit/s)   |
| GPS sensor   | GPS, Glonass, Beidou, Galileo   |
| USB  | USB 3.1 Gen. 1  |
| Connections  | Wi-Fi Direct, NFC, ANT+   |
| SIM card   | 1 x Nano SIM (4FF)  |
| <b>Software</b>  |   |
| Operating system   | Android™ 11   |
| Languages  | Deutsch , English (default)   |
| Safety   | Samsung KNOX 3.2  |
| SMS/MMS  | yes   |
| <b>Ambient conditions</b>                                      |   |
| Ambient temperature  | -20 ... 55 °C (-4 ... 131 °F)   |
| <b>Mechanical specifications</b>                               |   |
| Degree of protection   | IP64  |
| Mass   | 930 g   |
| Dimensions   | H x W x D 170.2 mm x 243.5 mm x 9.9 mm  |
| <b>Data for application in connection with hazardous areas</b> |   |
| ATEX approval  |   |
| Certificate of conformity                                      | EPS 20 ATEX 1 131 X   |
| ATEX marking   | Ⓜ II 3G Ex ic IIC T5 Gc<br>Ⓜ II 3D Ex ic IIIB T80°C Dc  |
| <b>International approvals</b>                                 |   |
| SGS approval   | SGSNA/20/SUW/00063X   |
| Approved for   | Class I, Division 2, Groups A - D T5 Class I, Zone 2, Group IIC T5  |
| IECEX approval   |   |
| IECEX certificate  | IECEX EPS 20.0050X  |
| IECEX marking  | Ex ic IIC T5 Gc<br>Ex ic IIIB T80°C Dc  |
| Approved for   | Europe  |
| Further approvals  | MIL-STD-810H  |
| <b>General information</b>                                     |   |
| Scope of delivery  | Tab-Ex Pro incl. battery<br>Ex-protective cover<br>S Pen<br>Charger<br>Documentation<br>Viator Bluetooth HART Interface |

## Accessories

|   |                                   |  |
|---|-----------------------------------|--|
|  | <b>BC T01</b>                     | Belt loop with carabiner                 |
|  | <b>Carrying Strap (cushioned)</b> | Carrying strap (padded) for leather bags |
|  | <b>TC S02 Travel Charger</b>      | Travel charger                           |
|  | <b>BP TPRO X2</b>                 | Battery pack Li-Ion 28,12 Wh             |




















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## Accessories

|   |   |   |
|---|---|---|
|    | <b>microSD-Card 512GB<br/>Tab-Ex Pro</b>                      | 256 GB microSD card for Tab-Ex Pro  |
|    | <b>ST TPRO X2 Samsung S<br/>Pen</b>                           | Stylus pen  |
|    | <b>S Pen Tips u. Tweezers<br/>TPRO</b>                        | Tip ends and tip removal tweezers for ST TPRO X2                            |
|    | <b>PC TPRO USB-CABLE<br/>TAB-EX PRO</b>                       | USB connection cable  |
|    | <b>PSPA1C1GE</b>  | USB-C to Ethernet Adapter   |
|    | <b>DC TPRO X2 Desktop<br/>Charger 5Bay<br/>(EU/UK/AUS/NZ)</b> | Desktop charging station, 5-slot, for Tab-Ex Pro                            |
|    | <b>DC TPRO X2 Desktop<br/>Charger 5Bay (US)</b>               | Desktop charging station, 5-slot, for Tab-Ex Pro                            |
|    | <b>VH TPRO X2<br/>CIGLIGHTCON NON-EX</b>                      | Car charger, on-board voltage socket, non-Ex, for Tab-Ex Pro                |
|    | <b>VH TPRO X2<br/>BAREWIRED NON-EX</b>                        | Vehicle mount, blank, wired, non-Ex for Tab-Ex Pro                          |
|  | <b>VH TPRO X2 CRADLE<br/>NON-EX</b>                           | Vehicle mount   |
|  | <b>HM-MT-BT-EX-010041</b>                                     | Interface for wireless communication between PC host and HART field devices |
|  | <b>MA TPRO X2<br/>MULTIPORT-ADAPTER</b>                       | Multiport-Adapter   |
|  | <b>CH TPRO X2</b>   | Chest strap carrying system for Tab-Ex Pro DZ2/D2                           |
|  | <b>LC TPRO X2</b>   | Leather case for Tab-Ex Pro DZ2/D2  |
|  | <b>KB TPRO X2 2-1<br/>ATTACH.KB (US)</b>                      | keyboard  |
|  | <b>KB TPRO X2 2-1<br/>ATTACH.KB (UK)</b>                      | keyboard  |
|  | <b>KB TPRO X2 2-1<br/>ATTACH.KB (FR)</b>                      | keyboard  |
|  | <b>KB TPRO X2 2-1<br/>ATTACH.KB (GER)</b>                     | keyboard  |
|  | <b>KB TPRO X2 2-1<br/>ATTACH.KB (ES)</b>                      | keyboard  |