



Tablet computer



Tab-Ex02-D02-WIFINAMDANDCS00..

- Global certificates - a common platform
- Camera (front and main/optional)
- 8 MP camera with built-in flash on the main screen
- 5 MP front camera
- 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
- Latest available Android version for this device

Tab-Ex 02 D2 (DIV 2), latest available Android firmware release, WiFi, with camera, with microSD card, version for Northern America

Technical Data

Hardware

| | |
|----------------------------|--|
| Processor | Exynos 7 Octa, 1.6 GHz Octa-core (Cortex®-A53) |
| Working memory | RAM 3 GByte |
| Camera | |
| Front camera | 5 MP |
| Main camera | 8 MP Autofocus |
| Video recording resolution | Full HD (1920 x 1080 pixels) @ 30 fps |
| Scanner | Fingerprint scanner |
| Optional data memory | Micro SD flash card up to 256 GByte |
| Internal data memory | 16 GByte |
| Sensors | Acceleration sensor, proximity and ambient light sensor, gyroscope, geomagnetic, Hall sensor, facial recognition |

Indicators/operating means

| | |
|------------------------|--------------------------------------|
| Display | Can be operated while wearing gloves |
| Touchscreen technology | Capacitive multitouch |
| Type | TFT, LCD |
| Screen diagonal | 20.31 cm |
| Resolution | 1280 x 800 (WXGA) |
| Brightness | 480 nit |
| Colors | 16 Mio. |

Electrical specifications

| | |
|--------------------|--|
| Battery type | Li-Ion battery 16.91 WH 3.8 V 4450 mAh |
| Operating duration | up to 11 h |

Communication

| | |
|-------------|-------------------------------------|
| WLAN | 802.11 a/b/g/n/ac (2.4 GHz + 5 GHz) |
| Bluetooth | Bluetooth® 4.2 |
| GPS sensor | GPS, Glonass, Beidou |
| USB | USB 2.0 |
| Connections | Wi-Fi Direct, NFC, ANT+ |

Software

| | |
|------------------|----------|
| Operating system | Android™ |
|------------------|----------|

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

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Technical Data

| | |
|----------------------------------|---|
| Languages | Deutsch English (default) |
| Safety | Samsung KNOX 3.2 |
| Ambient conditions | |
| Ambient temperature | -20 ... 55 °C (-4 ... 131 °F) |
| Mechanical specifications | |
| Degree of protection | IP64 |
| Mass | Wi-Fi 575 g |
| Dimensions | H x W x D 127.6 mm x 247.7 mm x 9.9 mm |
| International approvals | |
| CSA approval | |
| CSA certificate | 70166734 |
| Approved for | Class I, Division 2, Groups A, B, C, D T5 Class I, Zone 2, Group IIC T5 |
| Approved for | Northern America |
| General information | |
| Scope of delivery | Tab-Ex® 02 Battery Ex-protective cover S Pen USB cable Travel charger Documentation |

Accessories

| | | |
|---|---------------------------------------|---|
|  | DC T01 X2 (EU / UK / AUS / NZ) | Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2 |
|  | DC T01 X2 (US) | Desktop charging station, 5-slot, for Tab-Ex® 01 D2, Z2, DZ2 and Tab-Ex® 02 DZ2 |
|  | LC T01 X2 | Leather case for Tab-Ex® 01 and 02 D2/Z2/DZ2 |
|  | CH T01 X2 | Chest strap carrying system |
|  | BP T01 X2 | Battery pack |
|  | BC T01 | Belt loop with carabiner |
|  | S Pen Tips u. Tweezers | Tip ends and tip removal tweezers for ST T02 X2 |
|  | PC T02 | USB connection cable |
|  | Samsung EVO PLUS microSDXC | 256 GB microSD card for Tab-Ex® 02 |
|  | HM-MT-BT-EX-010041 | Interface for wireless communication between PC host and HART field devices |

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