



Explosion Proof ATEX Zone 2 / Zone 22 Samsung Galaxy Tab Active5 Pro (Android) Increased Intrinsically Safe

Self sim-card installation or eSim

Explosion Safety	CE_{Ex} II 3G ; Ex ec ic T4 Gc CE_{Ex} II 3D ; Ex tc IIIB T85°C Dc
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All new from Atexxo Manufacturing, the Samsung Galaxy Tab Active5 Pro, 10.1 inch with 5G now suitable for use in hazardous locations. The explosion proof Samsung Android Tablets are originally manufactured by Samsung than converted and certified according to the ATEX directives by Atexxo B.V. This makes the Tablets suited for safe use in gas/vapor zone 2 and dust zone 22 hazardous locations. ATEX Zone 2 / Zone 22 is the European equivalent for US, NEC Class 1 Division 2 equipment (C1D2) Groups A, B, C, D, Class 2 Division 2 (C2D2) F & G.

Compliance with ATEX / EX regulations is achieved by modification of the casing together with the intrinsically safe electrical circuit, which makes the tablets suitable for safe use in hazardous locations. Nearly all features of the original product are preserved like pushbuttons, USB-C charger front and rear camera, self simcard installation etc. Shoulder strap and passive stylus for operations involving gloves are available on request.

The ATEX Android Samsung 10.1 inch tablet comes with aluminum case with black finish and is available for both the WIFI only models and the WIFI + Cellular 5G models. Beside safe use as explosion proof tablet, both versions are excellent for use as intrinsically safe video and/or photo camera. ATEX Zone 2 / Zone 22 Samsung Tablet 10.1 inch with Wi-Fi, Bluetooth, LTE and 5G connections.

Benefits:

- Increased safety / Intrinsically Safe Design
- **Android Samsung Software Updates**
- 5G + Physical Sim + eSim
- ATEX Zone 2 / Zone 22
- **MIL-STD-810H** Compliant
- Hydrogen Ready
- 4 x reinforced tether / anchor points for carrying

Applications:

- Petro (chemical) plants
- Offshore environments
- **Intrinsically safe camera**
- Storage of hazardous goods
- Harsh environments

NATO TEMPEST (optional)

Atexxo B.V. has capabilities to produce variants of NATO TEMPEST levels A, B, and C according to standards SDIP-27 and SDIP-29 on request. These devices come are standard tested against MIL-STD-810H standards and software approval for NATO Communications and can be supplied with or without additional ATEX Explosion protection. Please contact us for the possibilities.

Devices are standard certified for communication in NATO restricted environments. NATO Communications and Information Agency (NCIA) in the context of Samsung Knox Native Solution.

Technical information

Voltage:	100-240 Volt (charger)
Frequency:	50/60 Hz (charger)
Colour:	Black aluminum
Dimensions	26 x 19 x 1.9 cm
Weight:	1200 gram including tablet
ATEX:	Unit assessment certificate Zone 2, II 3G; ec ic IIC T4 Gc Zone 22, II 3D; tc IIIB T85°C Dc



Table below for ordering information

ATEX Samsung Android Tab Active5 Pro Atexxo Order Numbers	ATEX Zone	Storage Capacity (extendable to 1TB via SD card slot)	Dimensions (cm)
EX-TABLET-GTA5-PRO-128 (incl Tablet)	Zone 2/22	Tablet 10.1 inch -128Gb WIFI	26 x 19 x 1.9
EX-TABLET-GTA5-PRO-128-CEL (incl Tablet)	Zone 2/22	Tablet 10.1 inch -128Gb WIFI + 5G	26 x 19 x 1.9
EX-TABLET-GTA5-PRO-256 (incl Tablet)	Zone 2/22	Tablet 10.1 inch -256Gb WIFI	26 x 19 x 1.9
EX-TABLET-GTA5-PRO-256-CEL (incl Tablet)	Zone 2/22	Tablet 10.1 inch -256Gb WIFI + 5G	26 x 19 x 1.9
EX-TABLET-GTA5-PRO-* (excl Tablet)	Zone 2/22	* Send over your Samsung Android Tablets for conversion & certification. (only for new tablets)	

Please note that optical appearance and specs may be subject to change because of continues product updates.



All devices are tested in the explosive atmosphere of the spark-test apparatus for intrinsically safe circuits