







Explosion Proof ATEX Zone 2/22 Samsung S24 (Android) Increased Intrinsically Safe

Explosion Safety	  II 3G ; Ex ec ic IIC T4 Gc   II 3D ; Ex tc IIIB T135°C Dc
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All new from Atexxo Manufacturing, the Samsung Galaxy S24, now suitable for use in hazardous locations. The explosion proof Galaxy S24 phones are originally manufactured by Samsung than converted and certified according to the ATEX directives by Atexxo Manufacturing. This makes the mobile phone suited for safe use in gas /vapor Zone 2 hazardous locations, as well as dust Zone 22 hazardous locations. ATEX Zone 2/22 is the European equivalent for US, NEC Class 1 Division 2 equipment. (C1D2), Class 2 Division 2 equipment (C2D2).

Compliance with ATEX / EX regulations is achieved by modification of the casing together with the intrinsically safe electrical circuit, which makes the smart phones suitable for safe use in hazardous locations. All features of the original product are preserved. Even the face ID and fingerprint scanner can be used safely at hazardous locations.

The ATEX Samsung Galaxy S24 come with a black case finish and are available with 128gb and 256gb memory. Beside safe use as EX smartphone, the versions are excellent for use as intrinsically safe video or photo camera or barcode scanner with Bluetooth, NFC and WIFI connection.

Cost effective and Userfriendly ATEX Zone 2/22 Samsung Galaxy S24

Benefits:

- Increased safety / Intrinsically Safe Design
- Android operating system
- Wireless charging
- Continues Samsung Software Updates
- ATEX Zone 2 / Zone 22
- Fast and World Wide Delivery
- **Self Sim-Card Installation and E-Sim**

Applications:

- Petro (chemical) plants
- Offshore environments
- Intrinsically safe camera
- **Bar Code / QR Scanner**
- Harsh environments
- NFC Reader

Atexxo Manufacturing has capabilities to produce explosion safe variants of other Mobile phones and or devices from leading brands like Apple, Nokia, Motorola etc. Please contact us for the possibilities.

Technical information

- Voltage:** 100-240 Volt (charger)
- Frequency :** 50/60 Hz (charger)
- Colour :** Black
- Dimensions** 90 x 175 x 13 mm
- Weight:** 335 Gram (S24 + Housing)

ATEX: Unit Assessment Certificate
 Zone 2, II 3G; ec ic IIC T4 Gc
 Zone 22 , II 3D; tc IIIB T135°C Dc



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

ATEX Samsung Galaxy S24 Atexxo Manufacturing Order Number	ATEX Zone	Storage Capacity	Dimensions
MOB-EX-SAM-S24-128 (incl Galaxy S24 Phone)	Zone 2/22	128Gb	90 x 175 x 13 mm
MOB-EX-SAM-S24-256 (incl Galaxy S24 Phone)	Zone 2/22	256Gb	90 x 175 x 13 mm
MOB-EX-SAM-S24-*	Zone 2/22	Send over your Samsung S24 for conversion & certification Only for new phones (not used)	

Table above; ordering information. Please note that optical appearance and specs may be subject to change because of continues product updates.