ARMADEX

Ex UniCase
ATEX/IECEx Tablet

ATEX / IECEx certified for **Zone 2 / 22**

Universal UniCase certified enclosure

Samsung Galaxy Tab S11, 11-inch platform

Storage options: **128 GB / 256 GB / 512 GB**

Full access to buttons, cameras, audio and USB-C

Impact-resistant enclosure and screen

Modular inlay system, **upgrade-ready**

Galaxy Tab S11

The Ex UniCase Galaxy Tab S11 is a certified tablet solution for use in ATEX and IECEx Zone 2 and Zone 22 hazardous environments. It combines Samsung's Galaxy Tab platform with a rugged, explosion-protected UniCase enclosure for industrial applications.
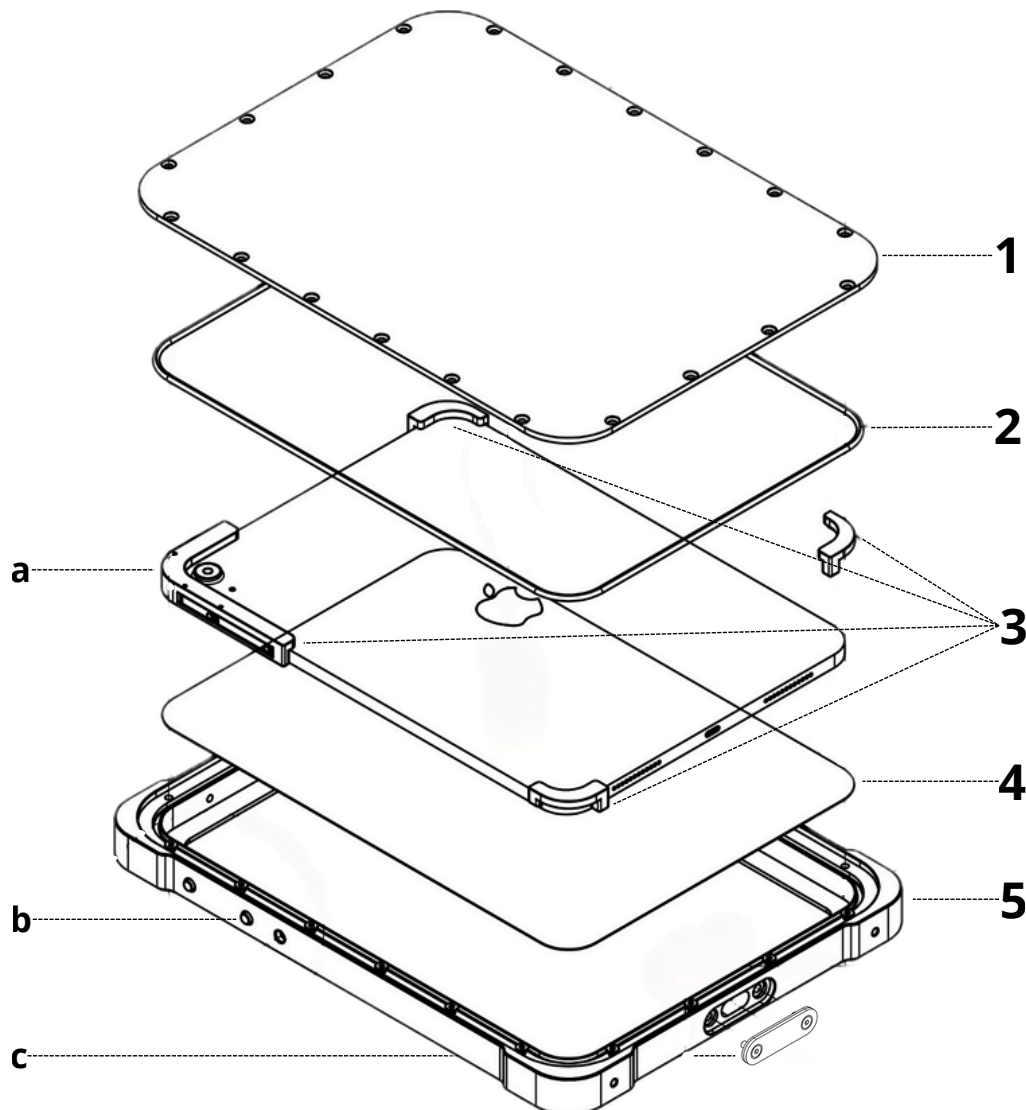
The UniCase housing provides reliable mechanical protection while maintaining full usability. Buttons, cameras, microphones, speakers, and the USB-C port remain fully accessible, ensuring seamless operation for inspection, reporting, and field work.

The system complies with Directive 2014/34/EU and applicable ATEX and IECEx standards. Thanks to the modular UniCase design, the tablet can be replaced or upgraded without changing the certified enclosure, supporting long-term use and flexibility.

Explosion Safety Specifications – ATEX and IECEx	
ATEX Zones	Zone 2 (Gas) and Zone 22 (Dust)
EU Directive	2014/34/EU (ATEX 114)
ATEX Marking – Gas	Revealed soon
ATEX Marking – Dust	Revealed soon
IECEx Certificate	Revealed soon
IECEx Marking – Gas	Revealed soon
IECEx Marking – Dust	Revealed soon
Applied ATEX Standards	Revealed soon

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Tinstraat 33 2984 AN
Ridderkerk,
The Netherlands

+31 (0) 85 0713041
www.armadex.com
info@armadex.com

(1) Transparent Plexiglas back cover providing external protection.
(2) 3 mm silicone rubber O-ring ensuring sealing between back cover and enclosure.
(3) Device specific, modular ABS corner inlays for tablet positioning.
(4) Impact-resistant polycarbonate display window protecting the touchscreen.
(5) Main UniCase enclosure manufactured from ESD-safe POM-C.

(a) Button interface corner inlay enabling mechanical operation of the tablet buttons.
(b) Physical tablet buttons, fully operable through the UniCase interface.
(c) USB-C port sealing cover protecting the charging port during operation.

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