The new standard
for Ex Zone 1

Xshielder redefines mobile technology in hazardous environments by combining the power of the iPhone 16 Pro Max with a lightweight, explosion-proof cover. Certified for ATEX & IECEx Zone 1/21 (Gas & Dust), our solution ensures zero technology lag, allowing workers to stay connected with uncompromised performance and security.

Xshielder ends the era of outdated Ex smartphones—because technology should never hold you back.

Certification

Ex Certification:	Zone 1/21 ATEX (FIDI 24 ATEX 0075X) IECEx (IECEx FIDI 24.0017X)*
Ex Certification Marking:	⟨Ex⟩ II 2G Ex db IIC T6 Gb II 2D Ex tb IIIC T80 Db Ambient Temperature: -20°C to +50°C
Standards:	EN IEC 60079-0:2018 EN 60079-1:2014 EN 60079-31:2014 IEC 60079-0: 2017 IEC 60079-1: 2014 IEC 60079: 31:2013

* IECEx is only avaliable for product variant XS1-SP-G01-C01-**S02**.

General Specifications

Size (mm):	187 x 93 x 17,6
Weight (g):	415
Audio:	Enables use of all 4 microphones and 2 speakers on the iPhone 16 Pro Max
Display:	Super Retina XDR display 6.9-inch all-screen OLED display
Camera:	iPhone Pro camera system with LiDAR
Charging:	Fast, wireless charging—up to 25W.
SIM:	Only Esim is supported. Physical SIM: Check FAQ
Ingress:	IP65 Certified for water and dust
Safety:	Certified Lanyard hole according to NS-9611 standard for safe work in heights.
Mounting:	1/4" tripod mount
Country of origin:	Designed and manufactured in Norway

Product variants

The product consists in two main variants:

XS1-SP-G01-C01-**S01**	**ATEX Only Version (Removable Lid with flamepath)** The lid can be easily removed and re-attached, allowing for phone replacement or extraction. Recommended if ATEX certification meets your needs.
XS1-SP-G01-C01-**S02**	**ATEX & IECEx Version (Cemented Lid)** The lid is securely glued to the chassis, but can be opened by manufacturer-certified personnel. If necessary, your device can be sent to Xshielder for phone replacement or extraction against a fee.

Apple Configuration

Device:	Apple iPhone 16 Pro Max
Model:	A3296 (Contact us for other models)
Storage:	Any
Color:	Any

Patented design

Xshielder's unique patented design allows the cover to be opened after installation, offering three key benefits:

Replaceable Design — If damaged, the cover can be easily replaced without discarding the entire unit.

Residual Value — When it's time to upgrade, the iPhone can be removed, traded in, or resold—maximizing investment.

Sustainable Design - Both the phone and cover can be recycled, reducing waste and minimizing CO_2 impact.

Replaceable Design

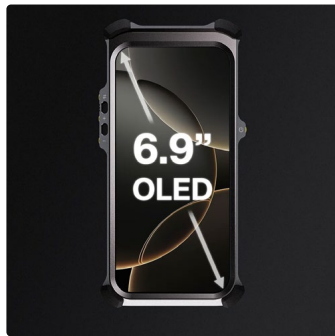Residual Value

Sustainable Solution

A few of many features

Pro camera

Largest display

Powerfull battery

Slim design

Best processor

Face ID

Audio in/out

Wireless charging

About Xshielder

Based in Norway, XShielder brings over 100 years of combined expertise in designing Ex-certified mobile devices for hazardous environments. Founded by a team of innovators who have worked together for decades, we are driven by a passion for safety, quality, and cutting-edge design. Our vision is to provide uncompromised mobile experiences, enabling users in hazardous areas to work seamlessly — just as they would with any personal device.

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