

# IPHONE 14 ZONE 1/21



## EXPLOSION PROOF ATEX / IECEx

**EXPLOSION SAFETY GAS :**  $\text{CE Ex}$  II 2G ; Ex db IIC T4 Gb

**EXPLOSION SAFETY DUST :**  $\bullet \text{Ex}$  II 2D ; Ex tb IIIC T135°C Db

(SELF SIM-CARD INSTALLATION, WIRELESS CHARGING, NFC, 5G AND FUNCTIONAL PUSH BUTTONS)

Explosion-proof devices are certified for use in explosive environments with flammable gases, vapours, or dust. They undergo stringent testing, meeting standards like ATEX and IECEx. Common in industries like oil, gas, and mining, these devices prevent sparks or malfunctions that could trigger explosions.

Introducing the Apple iPhone 14, now certified for Zone 1/21 hazardous areas. These explosion-proof iPhones, originally from Apple, undergo ATEX and IECEx conversion by Atexxo, ensuring safe use in gas/vapor and dust zones. ATEX Zone 1 aligns with US NEC Class 1 Division 1 (C1D1).

Compliance with ATEX/EX rules involves casing and electrical modifications while preserving all original features. The EX iPhone supports both wired and wireless charging in safe areas. It boasts an aluminum finish and comes in 128GB, 256GB, and 512GB models.

These iPhones, apart from being secure smartphones, excel as cameras with WIFI/5G, NFC, and Bluetooth capabilities. Atexxo also offers ATEX/IECEx iPhone 14 for Zone 1 & 2 / Zone 21 & 22.

### ADVANTAGES

- Self SIM-card Installation and eSIM.
- Gas ATEX and IECEx Certification Zone 1 & 2
- Dust ATEX and IECEx Certification Zone 21 & 22
- Hydrogen Approved.
- Apple Open DEP/ABM Enrolment
- Wireless Charging Applications

### APPLICATIONS

- Our product finds valuable applications in various industries, including petrochemical plants and offshore environments.
- It serves as an intrinsically safe camera, enabling safe capturing of photos and videos in hazardous settings.
- These iPhones can be integrated into Industry 4.0 initiatives, enabling real-time data collection and communication for connected workers in manufacturing and industrial settings.
- The device can support digital twin technology, allowing for the creation of digital replicas of equipment and processes in hazardous areas. This aids in monitoring and maintenance.

### TECHNICAL SPECIFICATIONS

- Charger Voltage: Supports a range of 100-240 Volts (charger).
- Charger Frequency: Operates at 50/60 Hz (charger)
- Color: Aluminium finish
- Dimensions: Measures 18x12x2.6 cm
- Weight: Weighs 680 grams

### CERTIFICATIONS:

- ATEX : II 2G; Ex db IIC T4 Gb
- ATEX : II 2D; Ex tb IIIC T135°C Db
- IECEx: Ex db IIC T4 Gb
- IECEx: Ex tb IIIC T135°C Db
- INMETRO: On request
- CSA: On request

## ORDERING INFORMATION

ORDER NUMBER	ATEX/IECEX ZONE	STORAGE CAPACITY	DIMENSIONS (CM)
MOB-Exd-IPH-14-128 (incl iphone14)	Zone 1 & 21	iPhone 14-128 GB	18x12x2.6
MOB-Exd-IPH-14-256 (incl iphone14)	Zone 1 & 21	iPhone 14-256 GB	18x12x2.6
MOB-Exd-IPH-14-512 (incl iphone14)	Zone 1 & 21	iPhone 14-512 GB	18x12x2.6
MOB - Exd-IPH-14-128-BC	Zone 1 & 21	iPhone 14 - 128 GB with blocked camera's	18x12x2.6
MOB-Exd-IPH-14-*	Zone 1 & 21	*Send over your iPhone for conversion & certification (only for new phones)	For Apple DEP/ABM

## KEY FEATURES

- **Seamless User Experience:** Apple device features preserved for familiar usage.
- **Exceptional Cameras:** High-quality front and back cameras for various applications.
- **Robust Cybersecurity:** Utilizes secure iOS system for data protection.
- **Timely Updates:** Regular software updates and upgrades from Apple's platform.
- **Long Lifespan:** Designed for over 5 years of reliable use.
- **Ex Device Options:** Pre-modified Ex devices or conversion process available.
- **DEP Enrolment:** Device Enrolment Program facilitation if needed.
- **Self-Install SIM:** Convenience of installing SIM cards at any time.
- **Connectivity:** Wi-Fi and 5G compatibility for fast connectivity.
- **Certification:** ATEX and IECEx certifications for hazardous environments.
- **Complete Modifications:** Whole device modified for compliance and certification.
- **Safety Design:** Tether point attachment for working at heights.
- **Hardened Glass Protection:** Enhanced device safety without compromising touch usability.