OPERATING MANUAL

IS930.M1

MODEL M93A01

Template: TEMPMM01REV10

❯ CONTENTS

This Operating Manual complies with these standards:
IEC 60079, IEC 82079, ANSI Z535.6
Diese Bedienungsanleitung erfüllt die Anforderungen der folgenden Normen:
IEC 60079, IEC 82079, ANSI Z535.6

ENGLISH

❯READ AND UNDERSTAND THE INSTRUCTIONS

⚠ **PROTECT YOUR LIFE AND READ THE OPERATING MANUAL**

This Operating Manual is part of the device **IS930.M1 (model M93A01)**. This Operating Manual provides important information for safe use of the device.

❯ Before using the device, read this Operating Manual carefully and pay particular attention to the "Safety" section and the warnings highlighted with the warning symbol ⚠.

❯ Also read the **Safety Instructions** before using the device. You can find these at **www.isafe-mobile.com/en/support/downloads**

❯ Make sure you have access to this Operating Manual when you need it. You can find the current Operating Manual at **www.isafe-mobile.com/en/support/downloads**

❯ Follow all instructions given on the device and on the packaging.

❯ Follow local safety regulations.

❯INTENDED USE

The **IS930.M1** is an Internet-capable communication device for industrial use in explosion hazardous areas of Zone 1, 21, 2, 22, M1 and M2 in accordance with Directives 2014/34/EU, 1999/92/EC and the IECEx system, among others.

Only use the device as described in this Operating Manual. Any other use is considered improper and can lead to death, severe injuries and damage to the device.

The manufacturer **i.safe MOBILE GmbH** does not assume any liability for damage caused by improper use. The warranty expires in the event of improper use.

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WARRANTY

You can find the warranty conditions at **www.isafe-mobile.com/en/support/service**

For any damage caused by computer viruses that you download while using the Internet functions responsibility is at your hand. There is no right of recourse against **i.safe MOBILE GmbH**.

EU DECLARATION OF CONFORMITY

You will find the EU declaration of conformity at
www.isafe-mobile.com/en/support/downloads

FCC/IC STATEMENT

The FCC/IC declaration can be found at **www.isafe-mobile.com/en/support/downloads**

EX MARKINGS

› **ATEX:**
   Ⓔ I M1 Ex ia I Ma IP64
   Ⓔ II 2G Ex ib IIC T4 Gb
   Ⓔ II 2D Ex ib IIIC T135°C Db IP6X
   EU Type Examination Certificate:
   EPS 19 ATEX 1 128 X
   CE-designation: CE 2004

› **IECEx:**
   Ex ia I Ma IP64
   Ex ib IIC T4 Gb
   Ex ib IIIC T135°C Db IP6X
   IECEx Certificate: IECEx EPS 19.0063X
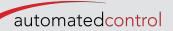
› **ANZEx:**
   Ex ia I Ma IP64
   Ex ib IIC T4 Gb
   Ex ib IIIC T135°C Db IP6X
   ANZEx Certificate: ANZEx 20.2001X

› **Temperature range:**
   -20°C …+60°C

› **Manufactured by:**
   i.safe MOBILE GmbH
   i_Park Tauberfranken 10
   97922 Lauda-Koenigshofen
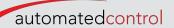   Germany

automatedcontrol

❯ DEVICE OVERVIEW/FUNCTIONS

1 ›   **SOS KEY:** A long press of the SOS key sends an emergency call to a pre-saved emergency number (only in connection with a Lone Worker Protection app).

2 ›   **SD CARD SLOT:** Use for microSD card.

3 ›   **SIM CARD SLOT:** Use for micro-SIM card.

4 ›   **FRONT CAMERA**

5 ›   **LOUDNESS CONTROL:** Volume up/Volume down.

6 ›   **STATUS LED:** Display for notifications and charging status.

7 ›   **POWER KEY:** A long press switches the device on/off. A short press switches the standby mode on/off.

8 ›   **FUNCTION KEY M1:** Optional function - function can be assigned via Button App (system integrated).

9 ›   **FUNCTION KEY M2:** Optional function - function can be assigned via Button App (system integrated).

10 ›   **BACK KEY:** Go to the previous screen.

11 ›   **HOME KEY:** Switch to the main screen.

12 ›   **CURRENT APPLICATION:** Shows all open applications.

13 ›   **USB INTERFACE:** Connection for the **i.safe PROTECTOR 2.0** USB-C Cable or for connection to other devices. Also see sections "Charging" and "Connecting approved accessories".

14 ›   **EARPHONE JACK**

15 ›   **MAGNETIC CHARGER PORT:** Connection for the **i.safe PROTECTOR 3.0** Magnetic Charger Cable. Also see section "Charging".

16 ›   **DOCKING STATION:** Interface for docking station **IS-DS930.1** (optional accessory).

› SAFETY

Read the "Safety" section of this Operating Manual carefully before using the device. If you do not follow these instructions or do not understand them, this could lead to death, severe injuries and damage to the device.

USER

Only trained users who are qualified in the use of Ex devices in explosion hazardous areas and who have read and understood this Operating Manual may use this device.

USE IN EXPLOSION HAZARDOUS AREAS

⚠ DANGER

Improper use can result in death or severe injuries!

» Only use the device in explosion hazardous areas of zones 1, 21, 2, 22, M1 and M2 or outside of explosion hazardous areas.

» Before entering an explosion hazardous area with the device,
  • make sure that only approved accessories are connected to the device, see section "Connecting approved accessories",
  • make sure that no gap can be seen between the two halves of the device,
  • make sure the device is not damaged,
  • make sure that all the labels on the device are readable.

» If you use the device in an explosion hazardous area,
  read and follow the instructions in the "Possible User Errors" section.

» Switch off the device immediately and leave the explosion hazardous area without delay if
  • malfunctions occur on the device,
  • you have damaged the housing of the device,
  • you have exposed the device to excessive loads,
  • the labels on the device are no longer readable.

USE OUTSIDE OF EXPLOSION HAZARDOUS AREAS

⚠ DANGER

Improper use can result in death or severe injuries!

» Do not use the device in places where its use is prohibited.

» Turn off the device in clinics or other medical facilities.

» Always keep a safety distance of at least 15 cm between the device and a pacemaker or hearing aid. The device can affect the functioning of medical devices such as pacemakers and hearing aids.

» When using the device while driving a motor vehicle, be sure to comply with applicable national laws.

» Make sure you prevent the user errors described in the section entitled "Possible User Errors".

» Only charge the device as described in the "Charging" section.

⚠ CAUTION

When using earphones or headsets at the maximum volume setting, you can damage your hearing.

» First set the volume control on the device to 50 % of the maximum volume.

» Gradually adjust the volume.

NOTICE

Incorrect use can damage the device.

» Only use accessories approved by **i.safe MOBILE**, as described in the section on "Connecting approved accessories".

» Protect the device and the Power Adapter from strong electrical magnetic fields as for example those emitted by induction cookers or microwave ovens, for example.

» Protect the device from oils, greases and hydraulic fluids.

» Protect the unit from high mechanical hazards, strong UV radiation and highly electrically charging processes.

» Do not touch the display with sharp objects.
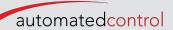
❯ POSSIBLE USER ERRORS

⚠ DANGER

Improper use can result in death or severe injuries! Follow the instructions below:

» Do not modify the device structurally.

» Do not expose the device to high temperatures.

» Do not expose the device to strong UV radiation.

» Do not expose the device to processes with high electrical charges.

» Do not expose the device to aggressive acids or bases.

When working in explosion hazardous areas, please note:

» Do not connect any accessories to the device.

» Do not open any interface cover.

» Do not charge the device.

» Do not open the device.

» Do not damage the device.

❯ SCOPE OF DELIVERY

Your device packaging contains the following:

- ❯ 1 x **IS930.M1**
- ❯ 1 x Quick Start Manual
- ❯ 1 x Safety Instructions
- ❯ 1 x Display Protection Foil
- ❯ 1 x Handstrap
- ❯ 1 x **i.safe PROTECTOR 2.0** USB-C Cable
- ❯ 1 x **i.safe PROTECTOR 3.0** Magnetic Charger Cable
- ❯ 1 x Power Adapter universal (power supply unit and various country-specific adapters)
- ❯ 1 x Display cleaning cloth

CELL BROADCAST

The device supports cell broadcast. Cell broadcast is a cellular service for sending messages to all recipients within a cell.

❯ INSERT/REMOVE SIM CARD

⚠ DANGER

An incorrect procedure in explosion hazardous areas poses a risk of death or severe injuries! Only open the device outside of explosion hazardous areas to insert or remove the SIM card.

NOTICE

Proceeding incorrectly when inserting/removing the SIM card can damage the device and the SIM card. Switch off the device before inserting or removing a SIM card. Do not charge the device while inserting or removing a SIM card.

easy to install

- » Open the IP-plug for SIM.
- » Insert the SIM card into the slot.
- » Close the IP-plug.

❯ INSERT/REMOVE microSD CARD

⚠ DANGER

An incorrect procedure in explosion hazardous areas poses a risk of death or severe injuries! Only open the device outside of explosion hazardous areas to insert or remove the microSD card.

NOTICE

Proceeding incorrectly when inserting/removing the microSD card can damage the device and the microSD card. Switch off the device before inserting or removing a microSD card. Do not charge the device while inserting or removing a microSD card.

easy to install

» Open the IP-plug for microSD.
» Insert the microSD card into the slot provided. The device has a slot for a microSD card up to 512 GB. The slot is marked "microSD".
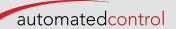» Close the IP-plug.

❯ CHARGING

⚠ DANGER

An incorrect procedure in explosion hazardous areas poses risk of death or severe injuries! Only charge the device outside of explosion hazardous areas. Do not charge the device in the vicinity of flammable substances.

NOTICE

Incorrect charging can cause damage to the device. Please note the following when charging:
» Only charge the device using the **i.safe PROTECTOR 2.0** USB-C Cable supplied or with the **i.safe PROTECTOR 3.0** Magnetic Charger Cable supplied.
» Only charge the device at ambient temperatures between +5 °C to +35 °C (+41 °F to +95 °F).
» Charge the device under dry indoor conditions only.
» Do not charge the device in environments dusty or humid.

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Your device package contains a power supply unit, various country-specific adapters, an **i.safe PROTECTOR 2.0** USB-C Cable and an **i.safe PROTECTOR 3.0** Magnetic Charger Cable.

› Connect the adapter suitable for your country to the power supply unit.

› Connect the **i.safe PROTECTOR 2.0** USB-C Cable or the **i.safe PROTECTOR 3.0** Magnetic Charger Cable to the power supply unit.

› Connect the **i.safe PROTECTOR 2.0** USB-C Cable to the USB interface of the device, or connect the **i.safe PROTECTOR 3.0** Magnetic Charger Cable to the magnetic charging port on the device.

› SWITCHING ON/OFF

› Press and hold the on/off key for about 3 seconds.

› Enter the device or SIM PIN when the input dialog for the device or SIM PIN appears after switching on.

› Select the <*Switch off*> menu item if the power off menu appears when switching off.

› USING THE DEVICE

› When turning on the device for the first time, follow the instructions on the screen.

Further information on operating the device can be found at **www.isafe-mobile.com/en/support/service** under the menu item **"FAQ"**.

Detailed information on operating the Android operating system can be found at: **https://support.google.com/android**

› CONNECTING APPROVED ACCESSORIES

› Only connect accessories approved by **i.safe MOBILE** to the device. Accessories approved by **i.safe MOBILE** can be found at **www.isafe-mobile.com/en/products**

Approved accessories can be connected to the USB interface.

USB INTERFACE

⚠ **DANGER**

Improper use can result in death or severe injuries! Only use USB interface outside of explosion hazardous areas. Never open the cover of the USB interface in explosion hazardous areas.

The USB interface is used for charging and data transfer.

› Connect approved accessories or other devices to the USB interface only by using the **i.safe PROTECTOR 2.0** USB-C Cable.

› POSSIBLE DEVICE PROBLEMS

You can find information on possible device problems and how to rectify them at **www.isafe-mobile.com/en/support/service** under the menu item **"FAQ"**.

If you have any further questions, please contact the **i.safe MOBILE** repair service at **www.isafe-mobile.com/en/support/service**

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› MAINTENANCE/REPAIR

The device itself has no serviceable parts.

⚠ WARNING

Incorrect repairs present a risk of explosion or fire, which can result in death or severe injuries! Do not open the device or carry out any repairs yourself.

› Contact the **i.safe MOBILE** repair service at **www.isafe-mobile.com/en/support/service** if the device is not working normally, if the device needs to be repaired or if a replacement part is required.

RETURN SHIPMENT

Contact the **i.safe MOBILE** repair service at **www.isafe-mobile.com/en/support/service**

› DISTRIBUTION PARTNER

You can find the specialist distribution partner responsible for your country at **www.isafe-mobile.com/en/contact**

› CLEANING

NOTICE
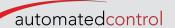
Incorrect cleaning can cause damage to the device. Please note the following when cleaning:

› Turn off the device before cleaning.

› Do not charge the device while cleaning.

› Do not use chemical agents for cleaning.

› Clean the device and the Power Adapter with a soft, moistened antistatic cloth.

› Clean the display screen regularly with a soft, antistatic cloth.

› STORAGE

NOTICE

Incorrect storage can cause damage to the device. Store the device at ambient temperatures between +5 °C to +35 °C (+41 °F to +95 °F) and a humidity between 10 % to 60 %.

❯ RECYCLING

NOTICE

Incorrect disposal of electronic products, batteries and packaging material puts the environment at risk. Please note the following when disposing of items:

» DO NOT throw away batteries with household waste.

» Always dispose electronic products, batteries and packaging material at the appropriate collection points. This way, you prevent uncontrolled waste disposal and promote the recycling of material resources.

You can obtain further information from regional waste disposal companies, state authorities or the **i.safe MOBILE** service centre responsible for your country or region at **www.isafe-mobile.com/en/support/service**

❯ TRADEMARKS

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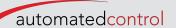
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CONTACT/SERVICE CENTRE

» **FOR FURTHER QUESTIONS PLEASE CONTACT OUR SERVICE CENTRE:**

» **i.safe MOBILE GmbH,** i_Park Tauberfranken 10, 97922 Lauda-Koenigshofen, Germany

» **support@isafe-mobile.com**
   https://support.isafe-mobile.com

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📞 (02) **4964 4022**

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