



ATEX/IECEX
ZONE 1/21

Intrinsically Safe Mobile Phone - Ex Mobile 20

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Note

The current EU-Declaration of Conformity, Certificate of Conformity, Safety Instructions and Manuals can be requested from Safex Instruments Limited.

1. Application

1.1 Ex Mobile 20 Series

General Product Information

The Intrinsically Safe Feature Phone (Ex Mobile 20 Series) is a Intrinsically Safe operated Mobile Phone.

The power of equipment is supplied from a chargeable Lithium Battery.

The mobile phone has been designed for use in explosion hazardous area of zone 1/21 and zone 2/22 in accordance with Directives 2014/34/EU and 2014/53/EU, as well as the IECEx Scheme.

2. Safety Precautions

This document contains information and safety regulations which are to be observed without fail for safe operation of the device Ex Mobile 20 Series under the described conditions.

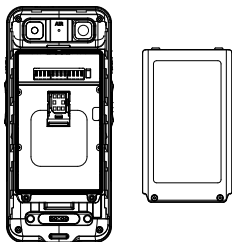
Non-observance of this information and instructions can have serious consequences and / or may violate regulations.

3. Accessories

Recognised accessories are included in package.

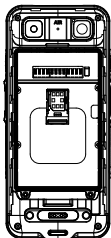
Note: The USB interface have to be closed by the respective dust and dirt cover.

4. Inserting the SIM card and SD card



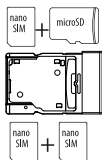
Step 1

Open battery cover.



Step 2

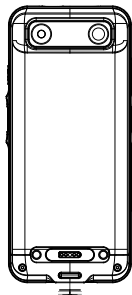
Take out card tray.



Step 3

Place cards to tray

Place 2 nano-SIM or one nano-SIM and one micro-SD card to appropriate slots of the tray.



Step 4

Insert the tray to the slot

Put tray with cards to the slot carefully. Close rubber cover tightly.

Otherwise, there will be a pop-up warning message displayed on the screen.

5.Charging the Feature Phone

The battery is not fully charged when the device is purchased, but it contains enough energy to power on the device. If the battery is completely discharged, the phone will not switch on and the display will not show a charging process. Connect the phone to the charger.

After charging for a few minutes the display will appear again and you can then switch on the phone.

Note

- There is a risk of explosion if the device is exposed to a flame.
- Do not short circuit the battery.
- The battery does not contain any parts that can be exchanged.
- The casing of the battery should not be opened under any circumstances.
- Only use Safex Instruments Limited charging accessories.
- The use of other charging accessoires or batteries is not permitted.
- Ex-protection cannot be guaranteed in this case.
- Used batteries are to be disposed of properly.
- The charge level of the battery module has to be checked after 9 months at the latest in order to prevent deep discharge.
- If the battery is completely discharged, the phone will not switch on and the display will not show a charging process, connect the phone to the charger.
- After charging for a few minutes the display will appear again and you can then switch on the phone.
- Battery usage by children should be supervised.
- The device may only be charged at temperatures between +5°C ... +40°C.

6.Caution

Risk of explosion if battery is replaced by an incorrect type. Dispose used batteries according to the instructions.

Damaged devices, battery and chargers should be removed from use and sent to Safex Instruments Limited for inspection.

When sending batteries/battery packs or devices containing batteries/battery packs, the sender must comply with the transport regulations for dangerous goods.

7.Further Safety Advises

Do not touch the screen of the device with sharp objects. Dust particles and nails may scratch the screen. Please maintain the screen clean. Remove dust on the screen with a soft cloth gently, and do not scratch the screen.

Do not put the device in environments with excessive temperatures, as this could lead to heating of the battery, resulting in fire or explosion.

Do not charge the device near any flammable or explosive substances. Charge the device under indoor safe conditions only.

Do not charge the device in environments with much dust or humidity.

Do not use the device in areas where regulations or legislatives prohibit the use.

Do not expose the device or charger to strong magnetic fields, such as are emitted from induction ovens or microwaves.

Do not attempt to open or repair the device. Improper repair or opening can lead to the destruction of the device, fire or explosion. Only authorized personnel are allowed to repair the device.

Only use accessories approved by Safex Instruments Limited.

Power off the device in hospitals or other places where the use of mobile phones is prohibited.

This device may affect proper work of medical equipment, such as pacemakers. Always keep a distance of at least 15 cm between the device and these devices.

To prevent possible hearing damages, do not listen at high volume level for long periods. Fully understand user manual before use. Ensure your device at low volume levels or power off before you leaving.

Observe all corresponding laws that are in force in the respective countries regarding the use of devices while operating a vehicle.

Please power off the device and disconnect the charging cable before cleaning the device.

Do not use any chemical cleaning agents to clean the device or the charger.

Use a damp and anti-static soft cloth for cleaning.

The product shall only be connected to a USB interface of version USB2.0.

Do not discard old and abandoned lithium batteries into the trash, send them to designated waste disposal locations.

The user alone is responsible for any and all damages and liabilities caused by malware downloaded when using the network or other data exchange functions of the device. Safex Instruments Limited cannot be held responsible for any of those claims.

8.Maintenance/Repair

Please note any legal requirements for periodic inspection.

The device itself has no user serviceable parts. It is recommended to perform inspections according to the safety regulations and advises. If there is a problem with the device, please contact

your vendor or consult the service center. If your device is in need of repair, you can either contact the service center or your vendor.

9.Cleaning, Maintenance and Storage Attention

- Only use a suitable cloth or sponge to clean the phone.
- Do not use any solvents or abrasive cleaning agents when cleaning.
- It is recommended that you have the functionality and accuracy of the phone inspected by the manufacturer every two years.(payment applicable)
- Do not exceed the permissible storage temperature range of -20 °C ... +60 °C.
- Recommended temperature for long term storage is 20°C ± 3°C.

10.Recycling

The crossed out wheeled bin symbol on your product, battery, literature or packaging reminds you that all electrical and electronic products, batteries, and accumulators must be taken to separate collection at the end of their working life. This requirement applies in the European Union. Do not dispose of these products as unsorted municipal waste. Always return your used electronic products, batteries, and packaging materials to dedicated collection points.

This way you help prevent uncontrolled waste disposal and promote the recycling of materials. More detailed information is available from the product retailer, local waste authorities, national producer responsibility organizations, or your local Safex Instruments Limited representative.

11. Disposal

11.1 Disposal of Old Electrical and Electronic Equipment



The symbol of the crossed out wheeled bin indicates that within the countries in the European Union, this product, and any enhancements marked with this symbol, can not be disposed as unsorted waste but must be taken to separate collection at their end of life.

11.2 Disposal of Battery



Li-ion

Please check local regulations for disposal of batteries. The battery should never be placed in municipal waste. Use a battery disposal facility if available.

12. Warranty and Liability

Handset: 12 Months Warranty

Replaceable Battery: 6 Months Warranty

13. EU Declaration of Conformity

The EU Declaration of Conformity is enclosed with the sales packaging as a separate document. Please also observe the information provided underneath the table of contents.

The content of this document is presented as it currently exists.

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