

## Explosion-protected Mobile Phone Ex-GSM 01

Safe and robust - the Ex-GSM01 from ecom is an explosion protected triband mobile phone that offers flexible communication - worldwide. With a superb robust exterior, the Ex-GSM01 is protected from impact and water splash, and along with inter-changeable outer shells that provide either GPS or RFID, this mobile phone can provide an ideal solution for your Ex-area.

Reliable, safe communication is indispensable for daily work in Ex-areas. The Ex-GSM 01 is an ATEX certified mobile phone for use in Zones 2 and 22 and provides the necessary safety for your work. The robust housing satisfies all requirements in accordance with the protection rating IP54 and is especially well suited for tough environments.

The Ex-GSM 01 is a triband mobile phone and supports all GSM 900/1800/1900 networks across the globe. Additionally, the Ex-GSM 01 has an integrated push-to-talk functionality so that you can use your mobile phone as a radio unit\*. Push-to-talk allows you to initiate direct voice communication with individuals or groups by simply pressing the PTT button.

The Ex-GSM 01 has numerous office functions such as an address book, calendar, task list, etc. - this turns your mobile phone into a mobile office. You can synchronise your mobile phone with MS Outlook (Version 2000 or higher) or Lotus Notes (Version 5.x or higher) using the PC suite included.

The changeable covers are practical and make it possible to easily replace the housing should it break or become damaged, and by utilising the optional GPS and RFID shells the functionality of the mobile phone is expanded even further: For example, using the GPS shell for emergency location purposes\*\*.

RFID allows you to read, add, write back

### Ex-data:

Ex designation:  
 ⓂII 3 G Ex nA nL IIC T6  
 ⓂII 3 D Ex tD A22 IP54 T75°C  
 EC type examination certificate:  
 TÜV 06 ATEX 7371 X

and send data by data transmission (via EDGE or GPRS) directly to a server - and all this in real-time.

The Ex-GSM01 is distinguished by its ease of operation and versatility - making it ideal for use both in the factory and office.

\* Dependent on the service provider  
 \*\* Only in connection with the proper GPS locating software.

- Triband mobile phone for GSM 900/1800/1900 networks
- Passive-matrix display with 65,536 colours
- Push-to-talk functionality
- Data transmission via EDGE or GPRS
- Java™ MIDP 2.0 - to individually create your applications
- Integrated office functionality
- Synchronisation with MS Outlook (2000 or higher) or Lotus Notes (5.x or higher)
- Rechargeable Li-Ion battery with 820 mAh
- Infrared-Interface IrDa



### Standard delivery:

- Ex-GSM 01/EU
- Rechargeable battery Ex-AM GSM 01
- Charger LGH G01
- Stereo headset HS-01E
- Safety instructions

### Accessories:

- Changeable covers
- GPS shell
- RFID shell
- Data cable DC-G01
- Car Kit CK G01

### Technical Data:

Networks:	Triband GSM 900 / 1800 / 1900 MHz
Data transmission:	EDGE Class 6 (up to 177.6 Kbit/s), GPRS Class 10 (up to 62.4 Kbit/s),
Display:	Passive-matrix display with 65,536 colours (128 x 128 pixel resolution)
Supply:	Li-Ion rechargeable battery with 820 mAh capacity
Talk time / stand-by:	max. 5h / max. 300h
Charging time:	approx. 2h
Dimensions:	106.5 x 46.8 x 23.8 mm
Weight:	100g
Protection rating:	IP54