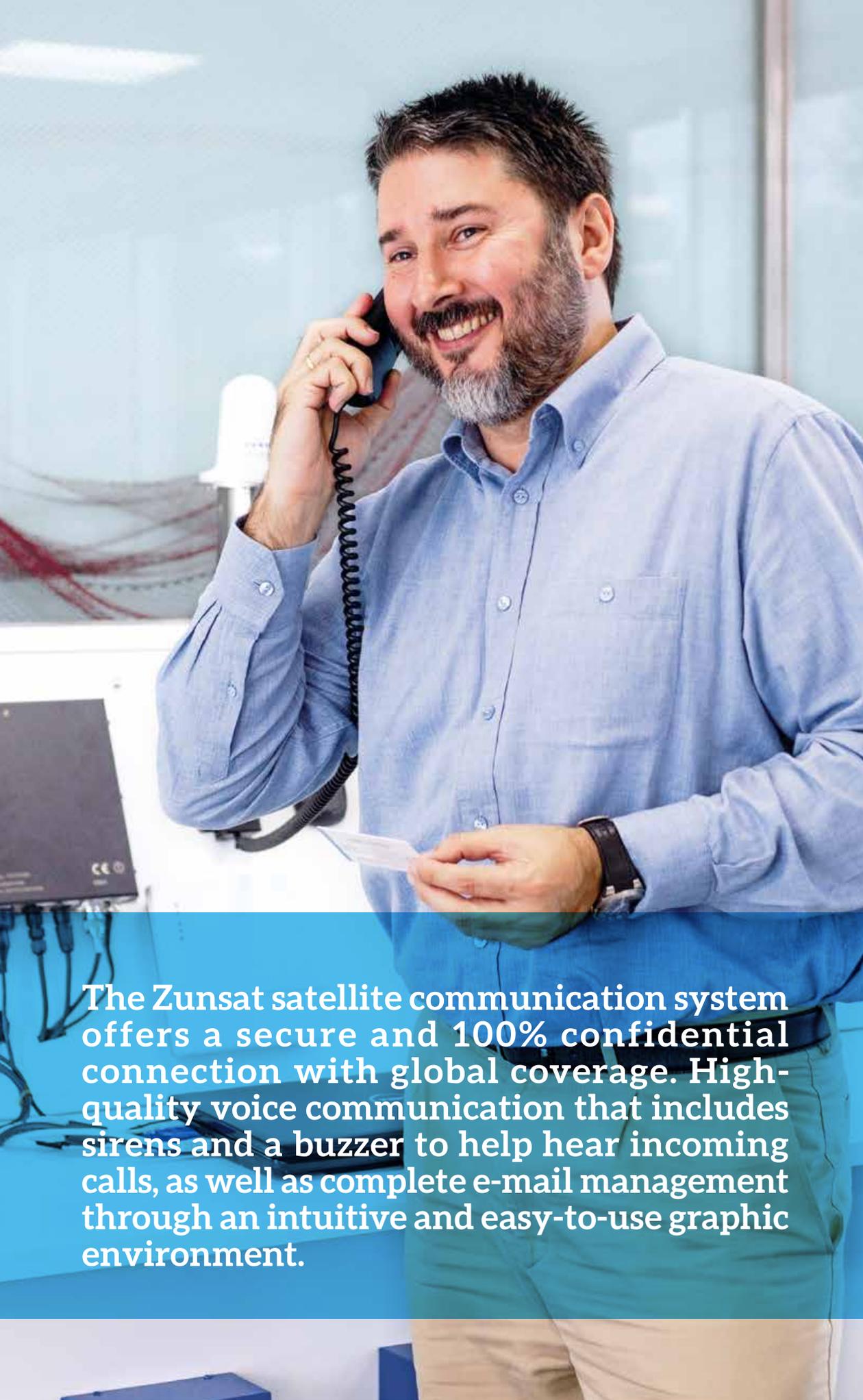




# ZunSat

Satellite  
communication system  
for fishing vessels





**The Zunsat satellite communication system offers a secure and 100% confidential connection with global coverage. High-quality voice communication that includes sirens and a buzzer to help hear incoming calls, as well as complete e-mail management through an intuitive and easy-to-use graphic environment.**



# ZunSat



The guarantee of having a secure and confidential satellite communication system with global coverage is essential for a fishing fleet, which is why we have developed the Zunsat satellite communication system. The product, which has been designed and manufactured by Zunibal, allows us to adapt to customer needs. To make it more convenient to use, we have added a siren system that makes it easier to hear incoming calls from anywhere in the ship.



## Communication savings

- » Custom communication plans
- » Prepaid solutions for crews
- » Personalised voice plans
- » Balance alerts
- » Restricted access to calls through the use of a PIN
- » E-mail without monthly fees or licence/domain charges

## High quality communications

- » Confidential and secure high-quality communication
- » Professional and high-quality voice equipment
- » International phone access to land and through e-mail
- » Spam-free e-mail (no junk mail)
- » Communication with vessels of all sizes and nationalities
- » Ability to receive and send information via e-mail



## True global coverage

The Zunsat communication system offers fast and reliable established connections anywhere in the world through Iridium satellites. Iridium is the only global provider of mobile satellite phone services that provides complete worldwide coverage.

- » Global coverage
- » Maintenance-free
- » No moving parts in antenna
- » Iridium satellite system



## Robust, user-oriented design

The Zunsat device is manufactured using robust materials that are suitable for the marine environment in order to guarantee its durability. A product designed to be installed quickly and easily.

- » It features a buzzer and/or sirens so incoming call notifications may be heard throughout the ship
- » Multi-language: interface in Chinese, English and Spanish
- » Complete e-mail management through an intuitive and easy-to-use graphic environment



## Comprehensive communication system

To offer users a complete service, we have developed a comprehensive communication system that features Zunsat but also includes a series of products.

- » Prepaid virtual cards for satellite calls
- » Buzzer
- » Siren for outdoor areas
- » Loudspeakers for rooms
- » The siren and loudspeaker system may be configured according to the needs of each user

### Rx-Tx specifications

Total height	226 mm
Total width	230 mm

### Antenna specifications

Height	10 mm
Width	70 mm

### Band characteristics

TX power (max.)	7 W
Average partial power	0.6 W

### Especificaciones Técnicas

Temperature Range	-40°C to +85°C
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### RF Interface

Frequency range	1,616MHz - 1,626.5 MHz
Duplex communication	TDD
Oscillator	± 1.5 ppm
E/S Impedance	50 Ohms
Multiplexed comm.	TDMA/FDMA

## ACCESSORIES

Our ZunSat system integrates perfectly with the accessories we have designed to facilitate on-board communication.



» Virtual prepaid card



» Buzzer



» Siren

» Loudspeaker

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