

Oysta

SAFER INDEPENDENCE

pearl+



- » One-Touch SOS Button
- » Amber Alert/Timer
- » Welfare Check
- » Fall Sensor
- » Safety Zones
- » Low Battery Alerts
- » Power on off Alerts
- » Proof of attendance

Cost-effective & reliable protection

With the number of lone workers in rising, alongside more robust legislation, increased pressure is being put into organisations to proactively protect their workforce in order to demonstrate corporate responsibility.

Work with Oysta and you'll be providing your lone workers with market leading security protection, which in turn gives your organisation peace of mind.

We know every business is different, therefore Oysta provide bespoke managed services to fit the specific needs of your organisation. Oysta will carry out an assessment and create a personalised lone worker plan, to ensure your employees have the best lone worker support available.

We work with you to provide the best safety solutions to protect the welfare of your employees, improving staff productivity and help support your responsibilities as an employer.

Who are your lone workers?

Anyone who works remotely, on their own or in direct contact with the public - whether they may face environmental hazards e.g. slips, trips and falls, or social risk such as violence and aggression.

Product description

The Oysta Pearl+ mobile is a GPS location device which is designed to work around the world for personal safety and security.

Oysta provides a comprehensive management tool for your remote workers. If you are equipping your mobile staff with a lone worker device or smartphone app, our online platforms could potentially revolutionise how you manage the team, allocate tasks or validate the completion of activities.

When your lone workers operate in high-risk or hazardous situations, it is essential that additional monitoring is put in place.

Why use Oysta?

- » Easy to use global platform
- » Over 65 configurable settings
- » Works straight out of the box
- » Manage staff safety & time more effectively
- » Control costs & improve ROI
- » BS8484 compliant

Key features

One Touch SOS Button

A manual panic alarm allows your employee to discreetly alert the monitoring centre if they find themselves in a potentially dangerous situation.

Welfare Check

A command can be sent to the device which will automatically ask the user if they are 'OK' by showing a message on the screen at a designated time interval. If the user does not confirm 'OK' an alert can be sent to the control room or emergency contact.

Automatic Reporting

Set service start/end time and GPS location interval (cycles). The Oysta Pearl+ automatically reports its position to the Oysta platform providing travel history.

Fall Sensor

The Oysta Pearl+ is equipped with a Fall Sensor which immediately sends out alert information in case of a 'man down' situation. Audible voice prompts help to reduce false alarms.

Network Status

Lone workers can view mobile network operator, strength, GPS signal and battery on a single screen. If there is no network, your device will audibly alert informing them it is not safe to work.

Automatic Timed Alerts

Pre-set an automatic alert timer when operating in high risk environments. If the timed alert is not cancelled within the agreed time period an alert will be sent to the monitoring centre.

Geo-Fences

Simple geo-fences help monitor staff moving between safe and hazardous zones. Timed alerts for both in and out zone alerts can be linked to your welfare checks so that regular prompts on the device check your lone worker is okay when operating in hazardous zones.

Proof of attendance

Update your location/ time and date manually to provide full check in and out facility.



Fall sensor

Oysta Pearl is equipped with a Fall Sensor, which immediately sends out alert information in case of a 'man down' situation.



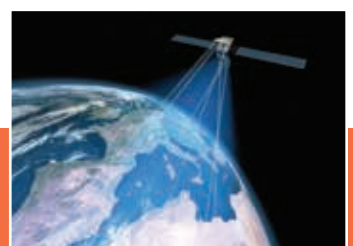
One-Touch SOS Button

Just one push of the SOS Button will contact a pre-defined number and send a message with location information.



Welfare Check

Check the user is alive and well by sending a command which the user must respond to.



Safety Zones

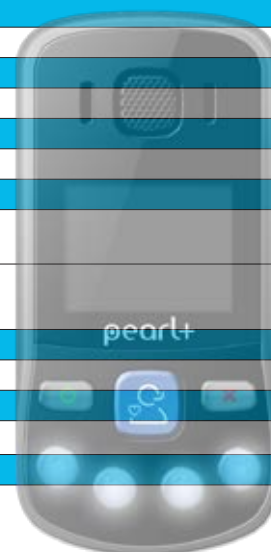
Create up to 4 Safety Zones (both in and out zone alerts)

General

Dimension (mm - H/W/D)	87 x 44.5 x 17 mm
Weight (g)	75g

Hardware

Chip Set	MTK MT6 223D with closed embedded OS supporting Oysta Custom protocol
GPS Baseband	uBlox 6 Engine GPS Receiver
Band	Quad band GSM 850/900/1800/1900
Receiver	20 x 14 mm
Speaker	20 x 14 mm
Screen	1.3" white OLED display
Keyboard Backlight	LED - Navy blue
Vibrate Mode	Yes
GSM Antenna	Internal antenna
GPS Antenna	Internal antenna
System Interface	Proprietary
Earphone Interface	Yes
RF Test Interface	For use by mobile network operators for RF network testing
Temperature	Normal working conditions: -10 to 55°C Limited working conditions: 55 to 65°C



Software

Ring tone	16 channel polyphormic MIDI for incoming calls, 25 different ring tones
Voice codec	FR, EFR, HR, AMR
Two path audio	Earphone and receiver
Phonebook	20 numbers
SMS	Possibility to receive text messages
GPS	<ul style="list-style-type: none"> uBlox 6 Engine GPS Receiver Receive 20 channels, L1 1575.42 Mhz, C/A code 1.023 Mhz chip rate DGPS accuracy 1 to 5m, typical 0.05m/s Acquisition rate (TTFF defined at 95% of first position local station) <ul style="list-style-type: none"> Standard GPS mode: <ul style="list-style-type: none"> Hot start <1 second, average in open sky Warm start <30 seconds, average in open sky Cold start <30 seconds, average in open sky
Sensitivity	Autonomous Acquisition -148dBm, Hot start -160dBm, Tracking -162 dBm
Channels	50 channel all -in-view tracking
OTA	Over the air command settings from the Oysta server using the Oysta proprietary protocol
Motion Sensor	Sends out alert information when activated and shock is detected.
Speed Sensor	Sends out alert information when activated and speed threshold is met.

Version: March 2017 v.01

Package contents

The Oysta Pearl comes in a complete retail package:

- Handset
- Travel charger
- 850 mAh battery (Li-ion)
- Hands free headset
- User manual

Accessories

The following accessories are available:

- Pouch
- Belt clip
- Travel charger
- Car charger
- Hands free headset
- 850 mAh battery (Li-ion)

Oysta Technology

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