

HALO

SECURITY



- ☐ One-Touch SOS Button
- ☐ Amber Alert/Timer
- ☐ Welfare Check
- ☐ Fall Sensor
- ☐ No movement detection
- ☐ Safety Zones
- ☐ Low Battery Alerts
- ☐ Power on/off Alerts
- ☐ Proof of attendance

Halo Technology

Halo has been a leader in the GSM - GPS telemetry market for over 10 years.

Combining mobile communication and GPS technology Halo provides specific hardware and software solutions for safety and security.

Halo provides its clients with "out of the box" and bespoke software solutions to meet their specific requirements.

Why Halo?

- The latest technology
- Control your costs & improve ROI
- Use straight out of the box
- Bespoke software and hardware
- BS8484 compliant
- GCF approved

Who needs Halo Security?

- Telecare users
- Security Guards
- Care Workers
- Lone workers
- Vulnerable People

Product description

The Halo SG+ mobile is a GPS location device which is designed for personal safety and security.

The Halo SG+ uses proprietary protocols. It will only operate in conjunction with the Halo service. You can use the Halo service through our "out of the box" web service.

The Halo SG+ primarily transmits its location information to the Halo service using GPRS but can fall back on text messaging when in areas of poor GPRS coverage allowing clients to control their costs.

As the Halo SG+ is a GSM quad band device, it will operate in most parts of the world.

Key features

One Touch SOS Button
If you are in distress, press the SOS button to get help. The Halo SG+ will send your details to your chosen control room or contact.

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 Halo SG+ automatically reports its position to the Monitoring Centre.

Fall Sensor
The Halo SG+ is equipped with a Fall Sensor which immediately sends out alert information in case of a 'man down' situation.

Power Status
Sends out alert information when the Halo SG++ is switched on or off and when the battery power is low or charging.

Amber Alert
Pre-set your amber alert timer when going into a potential conflict area. If you do not cancel your amber alert within the agreed time period an alert will be sent.

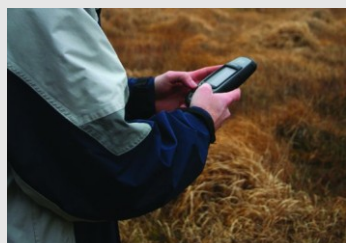
Safety Zones
Create up to 4 Safety Zones (both in and out zone alerts).

Non-movement
The Halo SG+ + automatically detects when there is no movement and will stop sending its position to save battery power and data usage. As soon as it detects movement (based on settings) it will start cycling again.

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



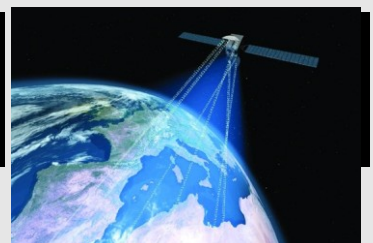
Detect



Alert



Respond



Efficiently

Technical specifications Halo SkyGuard+

General

Dimension (mm – H/W/D)	92 x 44 x 17.9 mm
Weight (g)	74g

Hardware

Chip Set	MTK MT6 223D w/ closed embedded OS supporting SkyGuard 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
Bluetooth	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
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 All-in-one GPS reciever• GPS accuracy 2.5m – 5m• Acquisition rate (TTFF defined at 95% of first position local station) 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
OTA	Over the air command settings from the SkyGuard server using the Halo Telematics 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.

Package contents

The Halo SkyGuard+ kit:

- Handset
- Travel charger
- 1000 mAh battery (Li-ion)
- Hands free headset

Accessories

Available accessories are:

- Belt clip
- Travel charger
- Car charger
- Hands free headset
- 1000 mAh battery (Li-ion)

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