

YachtSafe Manual IR Sensor

W020 IR sensor



Installation of IR sensor

Mount the batteries

Use a cross-headed screwdriver to release the screw and be able to open up the product. Mount the batteries. The LED lamp on the little circuit card is flashing if the batteries are OK.



Technical specifications

Measurements:	111 x 66 x 45 mm
Battery lifetime:	up to 5 years
Battery type:	2 x AAA
Battery capacity:	1000 mAh
Distance range (free sight):	approx 150m
Temperature range:	-30 to 70°C

Additions or adjustments to this manual can be found at www.yachtsafe.se under the Manuals tab.

iOS instructions

Connect the alarm accessory to the G32 system via the app for iOS or Android:


IMAGE 1 Select Alarm accessories & Relay

IMAGE 2 Add & configure accessories

IMAGE 3 **iOS:** New accessory
Android: Choose alarm accessory

IMAGE 4 Choose the accessory to connect. Enter a name for the accessory and then press Connect and follow the instructions.

iOS: After connection of the accessory, go to the tab Alarm accessories & Relay, press Update in the top right. Choose to activate/ Inactivate the alarm accessory by the button Edit in the top left. Choose your settings and press Save.

Android: After connection of the Alarm Accessory, go to the tab Alarm accessories & Relay, press Update. Choose to activate/inactivate the alarm accessory by the symbol  in the top right (press Edit). Choose your settings and press Save.

Android instructions

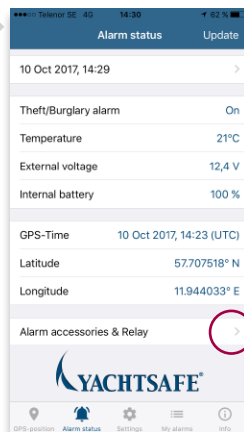


IMAGE 1

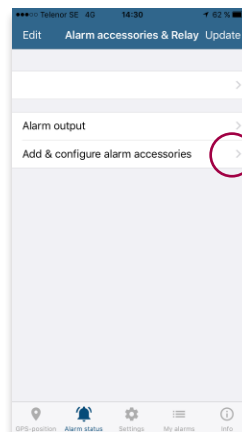


IMAGE 2

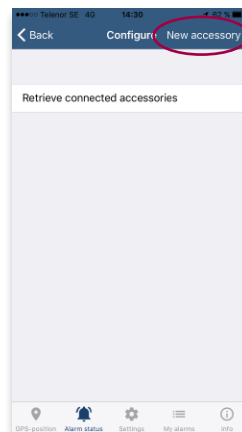


IMAGE 3

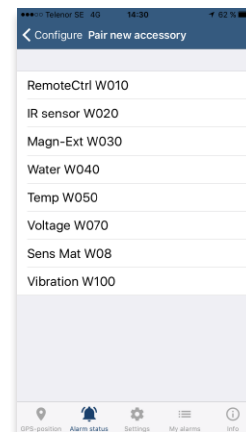
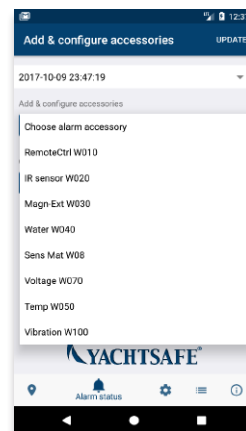
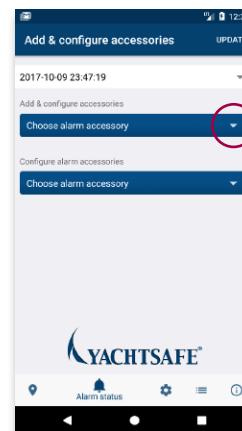
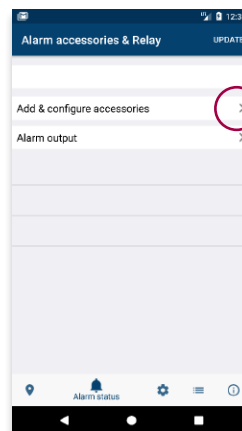
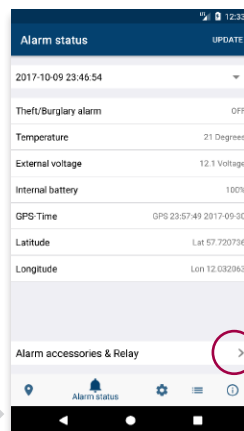


IMAGE 4



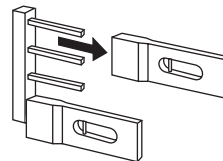
Verifying the magnetic alarm connection?

When you have activated, the small LED-light on the accessorie should blink rappidly when the connection is OK. If connection failed it will only turn the LED-light on once for aprox 1-2 sec. If you do not get any response in the app, try again. When activation is successfull you are ready to mount the magnet alarm. Please wait approx 2 minutes before you connect another alarm accessory to the G32 system.

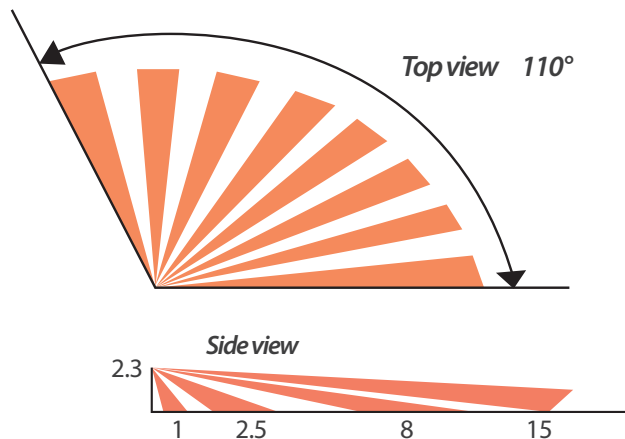
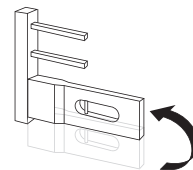
Mounting

The IR-sensor sends an alarm when it detects heat emission from a person. See picture for detection angle. You need to open up the product to be able to mount the product with screws from the inside. Release the screws, open up the product and then remove the circuit card. Don't place the IR-sensor in places where you have strong sunlight which might activate the sensor. The signal from the sensor part to the alarm unit will pass through walls and a big variety of materials. However, check the signal before mounting. After the accessory has been connected to the alarm you are able to push the button on the circuit card fast. If the LED light on the circuit board is flashing this means that the distance range is enough. You will receive alarm directly in your phone if the battery in the accessory has to be changed.

A. Take away the upper plastic cap to turn off the lamp.



B. Move the lower plastic cap one step up and put it over the two sticks to increase the sensitivity of the sensor.



(The illustration above is showing the field of view. Unit: meter.)