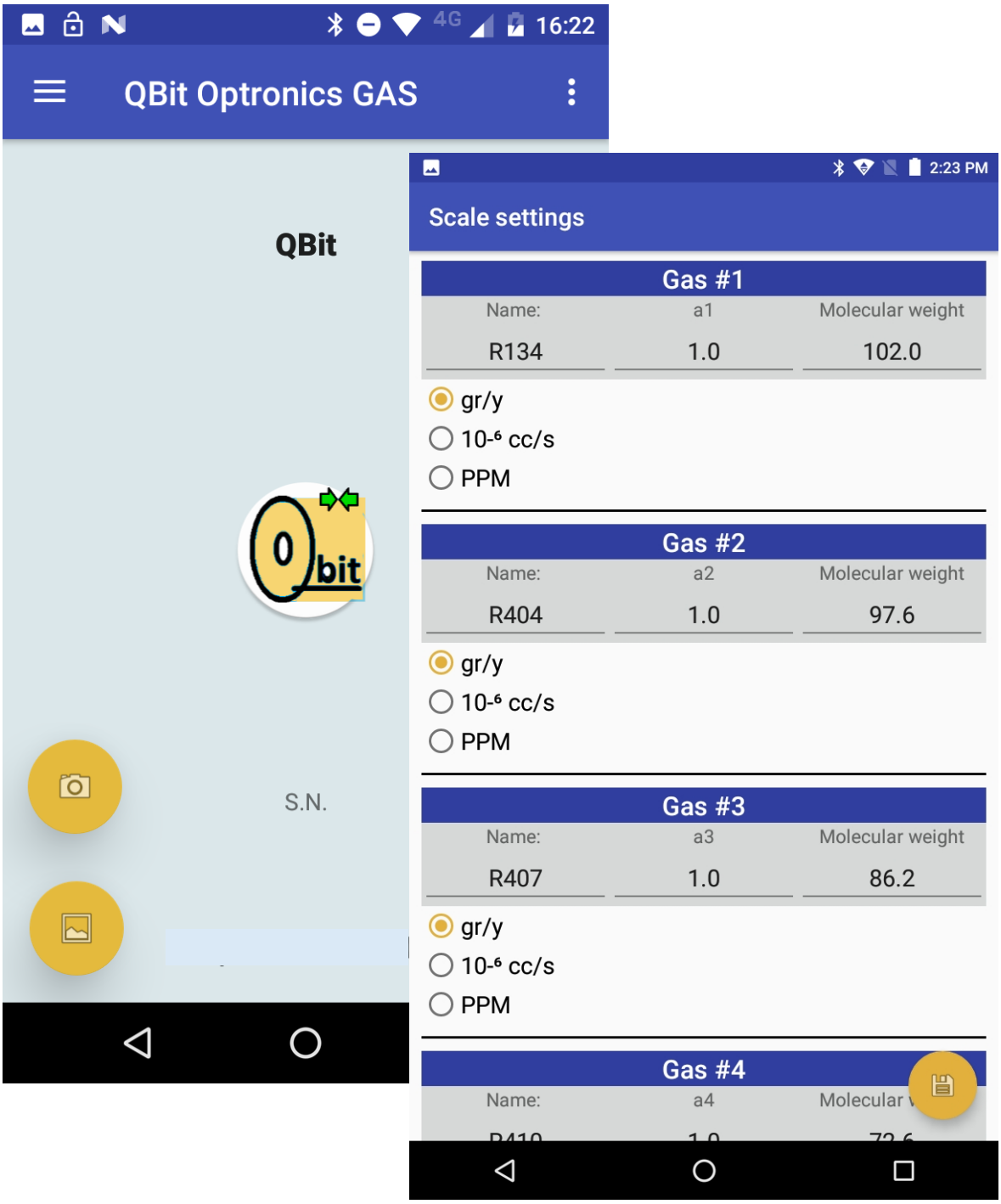
QBit-Optronics GAS APP

Ver. 1.0.1 for Android 6+



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Instruments for Environmental measures

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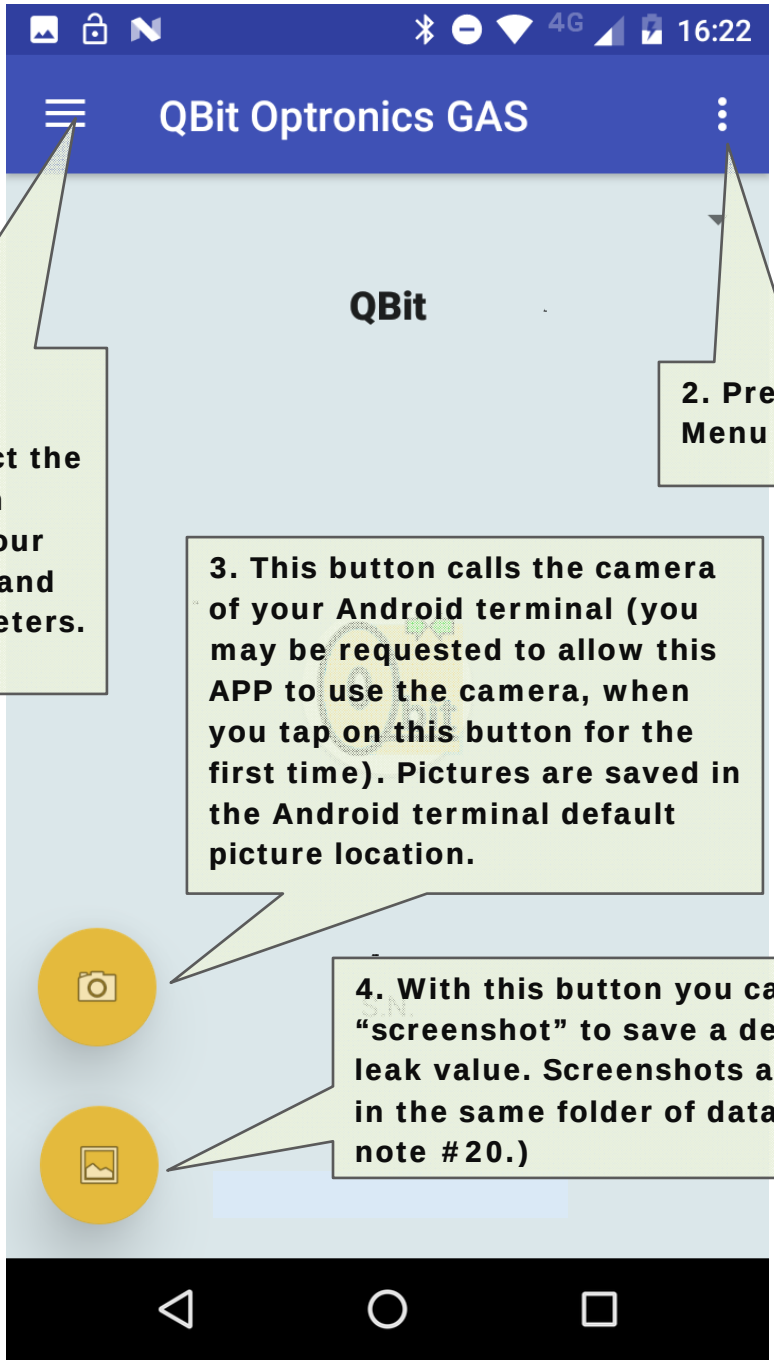
Qbit-Optronics Leak-dectection APP (for Android devices)



1. Selection Menu:

Here you can select the Qbit Gas-detection device paired to your Android terminal, and the control parameters.

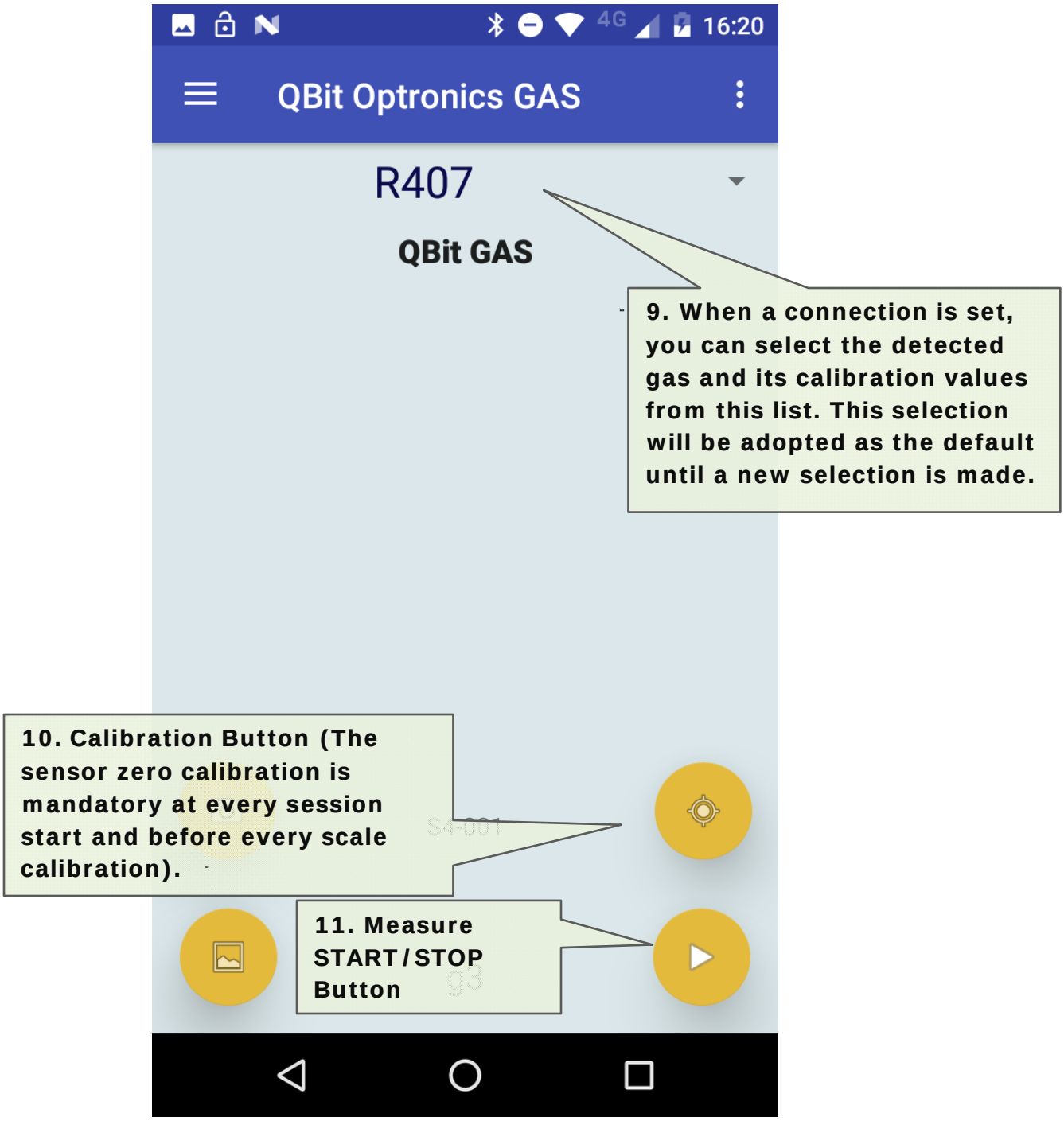
2. Preferences Menu

3. This button calls the camera of your Android terminal (you may be requested to allow this APP to use the camera, when you tap on this button for the first time). Pictures are saved in the Android terminal default picture location.

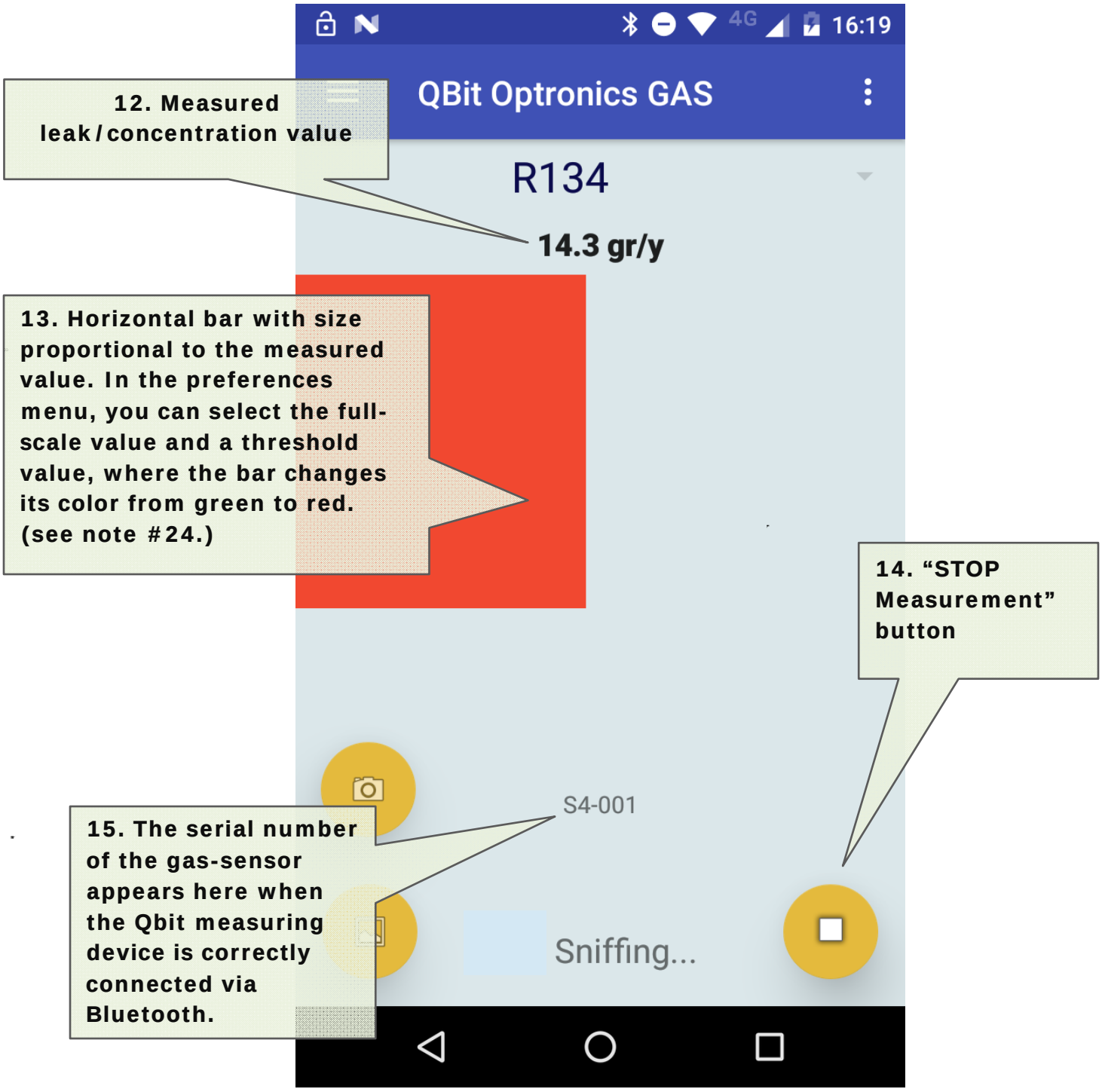
4. With this button you can make a "screenshot" to save a detected leak value. Screenshots are saved in the same folder of data files (see note #20.)

CONNECTING TO A QBIT DEVICE

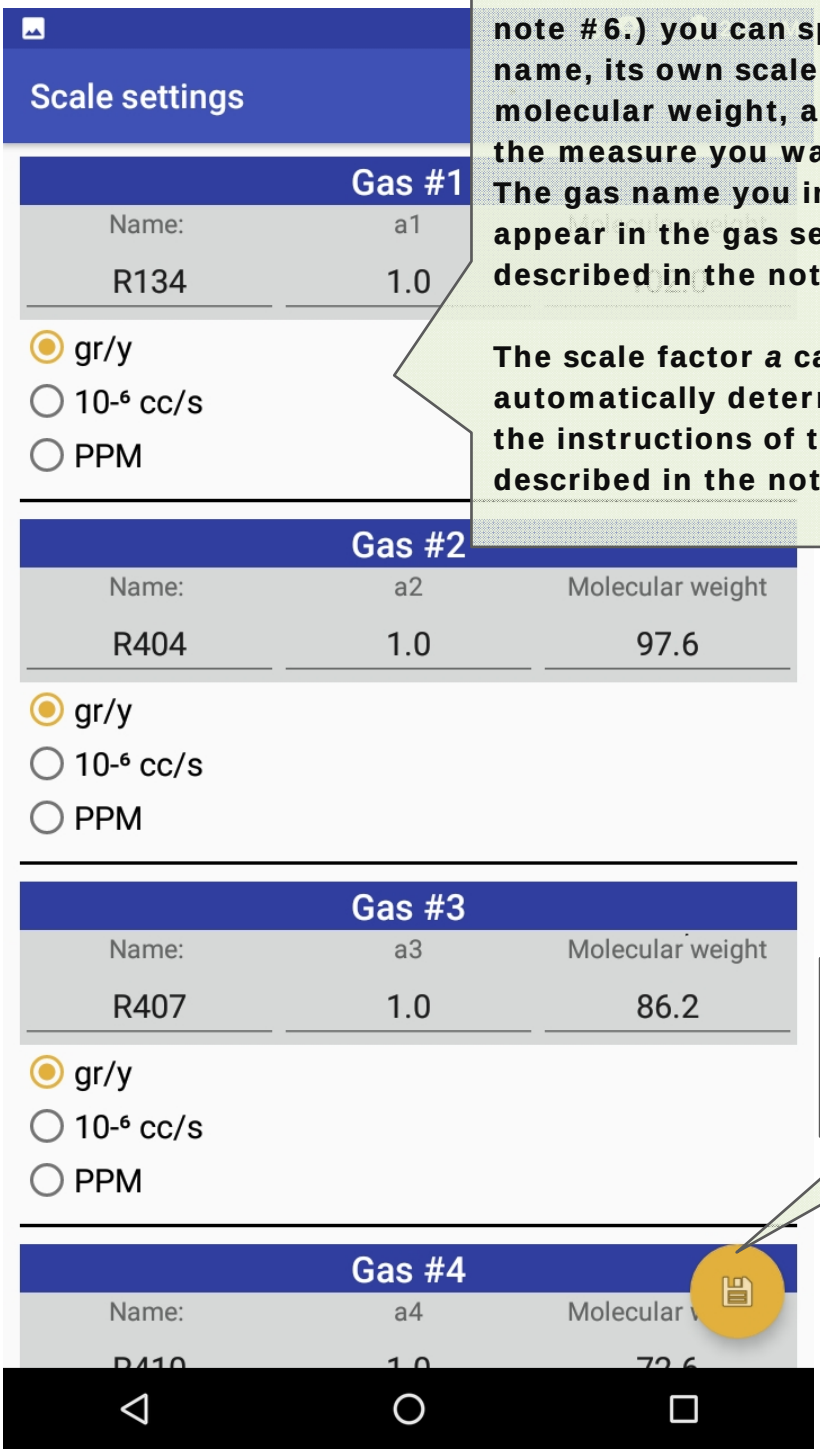
ONCE THE CONNECTION TO A QBIT DEVICE IS SET



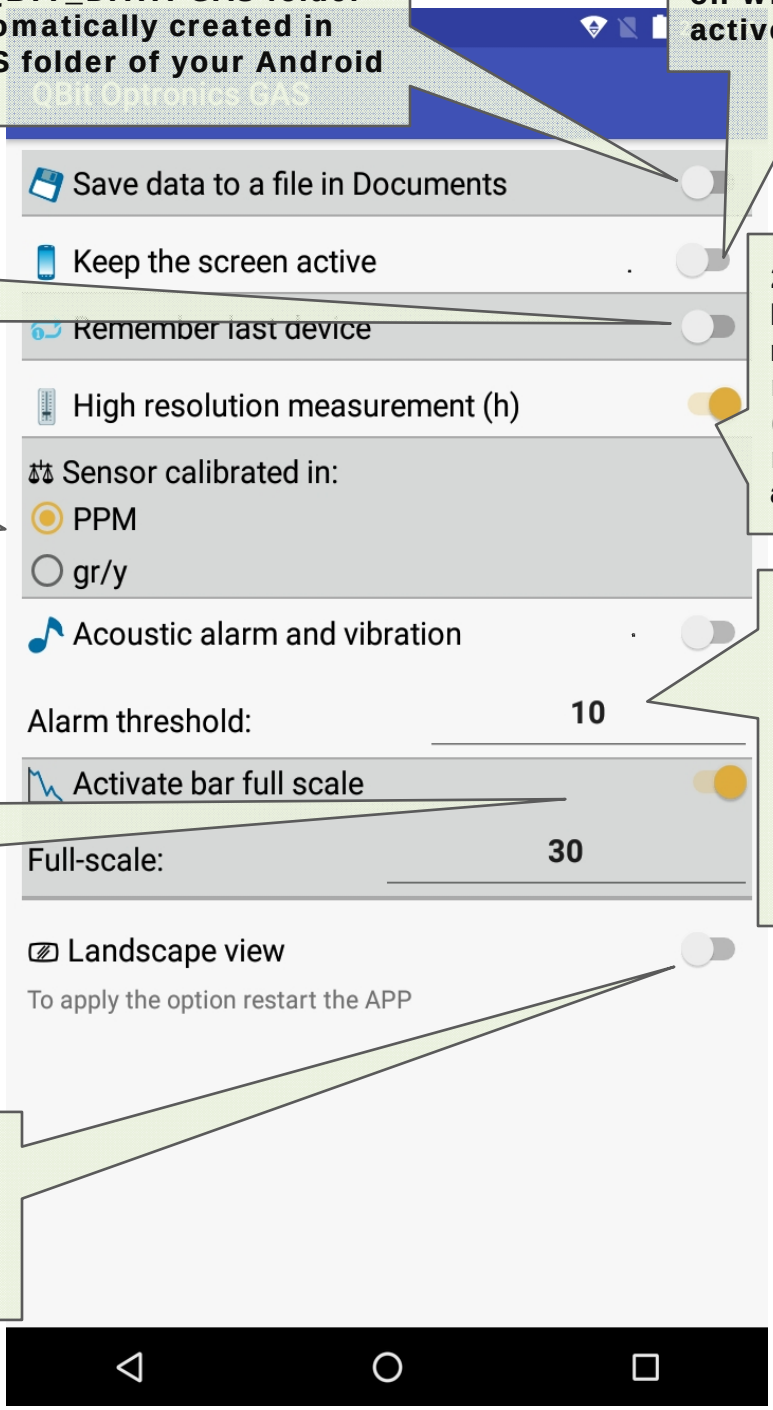
GAS DETECTION



GAS PARAMETERS



PREFERENCES



18. From preferences Menu (see note #2) you can access the following panel and …

19. …select / deselect saving of all measurements on a log file (text format) in the QBIT_DATA-GAS folder that will be automatically created in the DOCUMENTS folder of your Android device.

20. …keep the Android terminal on while the APP is active

21. …keep memory of the last connected device (see note #27).

22. …select high / low resolution measurements (low resolution measurements are faster).

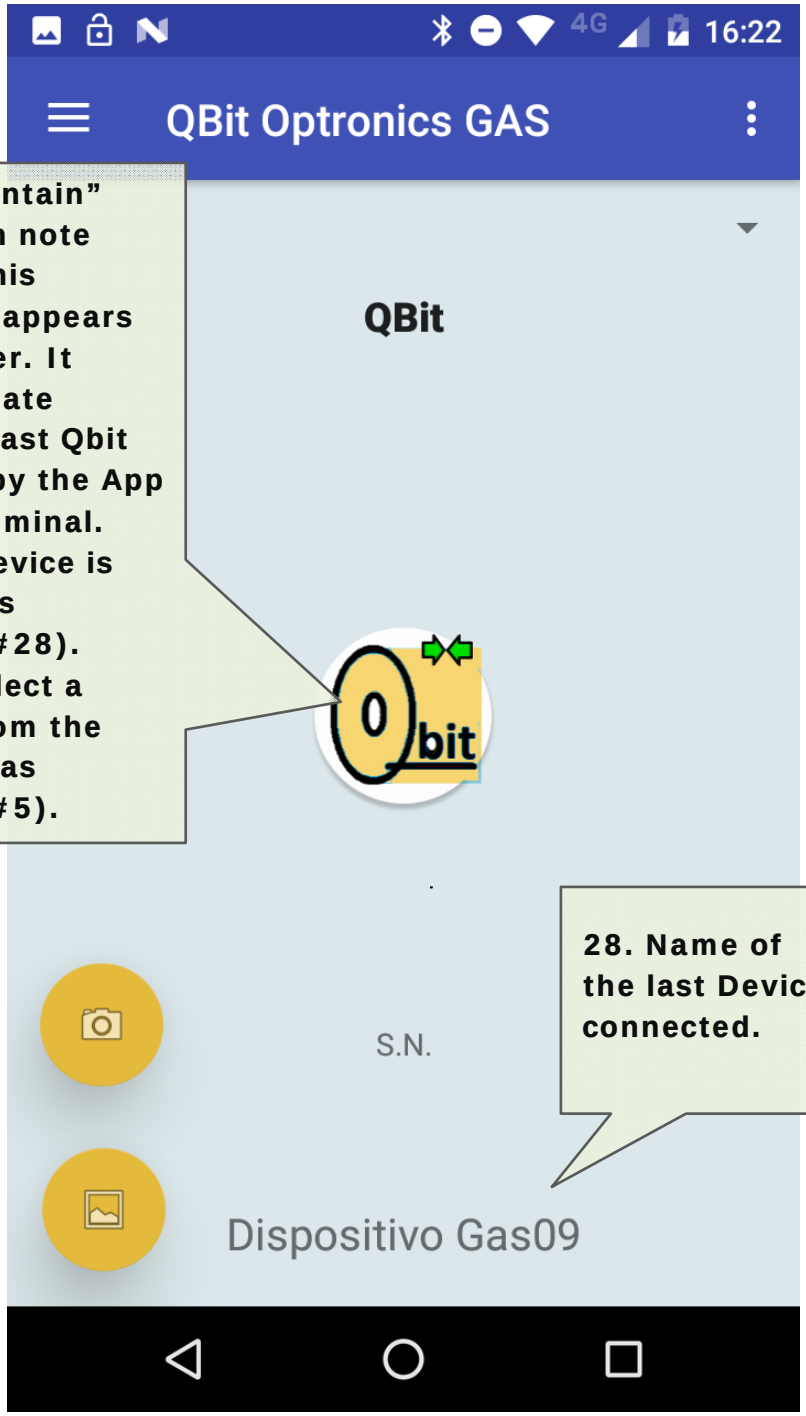
23. …specify unit of measure of the sensor calibration

24. …activate an acoustic alarm and set its threshold. This is also the threshold for the bar color change. (see note #13).

25. … specify a full-scale value different from the default (=100).

26. …set the horizontal screen setting. You need to re-start the APP to apply this option.

LAST CONNECTED DEVICE (DEFAULT SETTING)



27. When the "maintain" option described in note #20 is selected, this connection button appears at the screen center. It enables an immediate connection to the last Qbit device connected by the App on this Android terminal. The name of the device is indicated below (as described in note #28). You can always select a different device from the "selection Menu" (as described in note #5).

28. Name of the last Device connected.

ERROR MESSAGES

Message	Action
Low level H.W. fault.	Contact factory
Very low Infrared signal.	Contact factory
Infrared detector signal is too low (measurements can be performed anyway).	Sensor is still working. Please repeat one reset cycle. If the problem persists sensor needs revision.
Calibration took place in a polluted environment or was performed too long ago.	Perform a new calibration cycle in a clean air.
Measurements performed without a calibration	Perform a new calibration cycle.