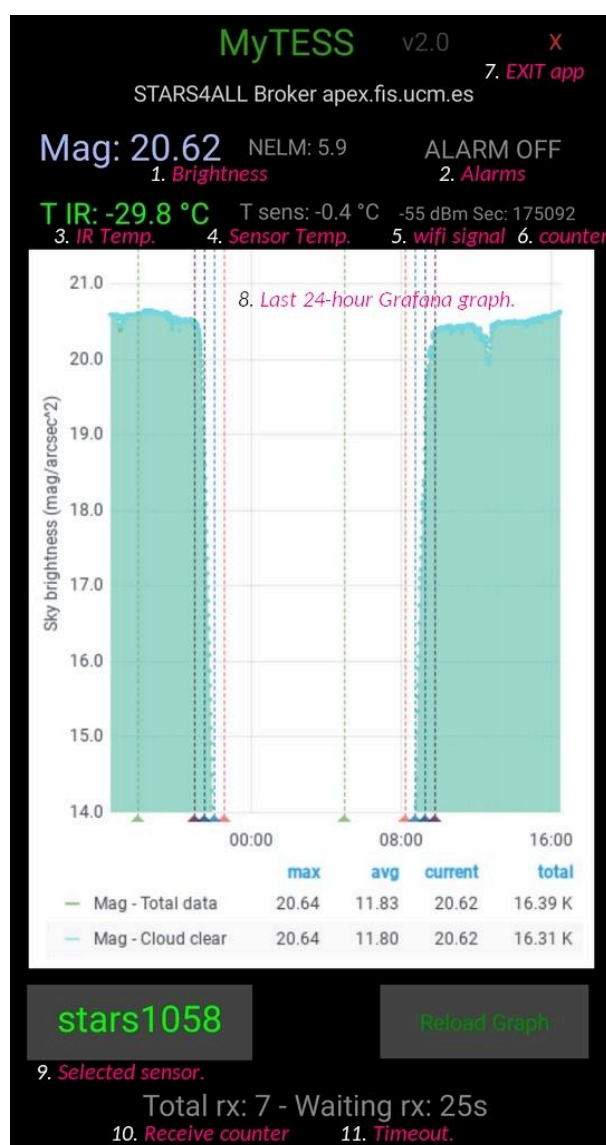# MyTESS.

MyTESS is an Android app for remotely reading any TESS-W photometer in the STARS4ALL network.

This app is a useful tool for checking the current sky quality and also verifying the sensor's connection.

- *Displays the data from the selected photometer arriving at the server in real time.*
- *Displays the brightness graph for the last 24 hours generated by the Grafana portal.*
- *Acoustic warning in case of significant changes in brightness or IR temperature.*

1. Brightness in mag/arcse2 and visible stellar brightness limit.

2. Acoustic alarm option in the event of a significant change in brightness or IR temperature, indicating the presence of clouds.

3. Apparent IR temperature of the sky.

4. Sensor temperature.

5. Wi-Fi signal received by the photometer: -40 dBm excellent, -90 dBm is very poor.

6. Internal photometer counter, indicates the messages sent to the server since its lastrestart..

7. Press and hold the X for a few seconds to completely close the application.

8. Graph of the last 24 hours provided by Grafana server, if the photometer is registered.

9. Sensor selected. Tap to edit. Press OK to finish.

10. Messages received by the app. It will start at 1, the last message sent, if the photometer was ever connected, even if it is now turned off. If it shows 0, it means that it was never connected to the broker and therefore there is no history.

11. Seconds since the last message received in the app, usually arriving every 60 seconds.

The app is downloaded from GitHub, not from the store. Once downloaded, it must be installed manually, accepting the warnings and granting the required permissions.

DOWLOAD
https://github.com/cristogg/TESS-P/raw/master/Objects/MyTess.apk