First of all,

If you do not have an Android version over 4.2 and you want to see this widget from the lock screen you will need **DoDol Locker (it is free)** or a similar app (look for it in your play store).

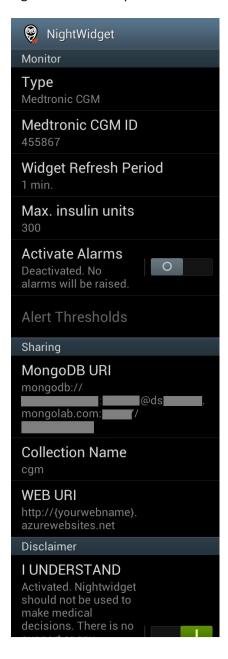
This widget was created to have a direct view of the azure data without accessing the website.

## Install

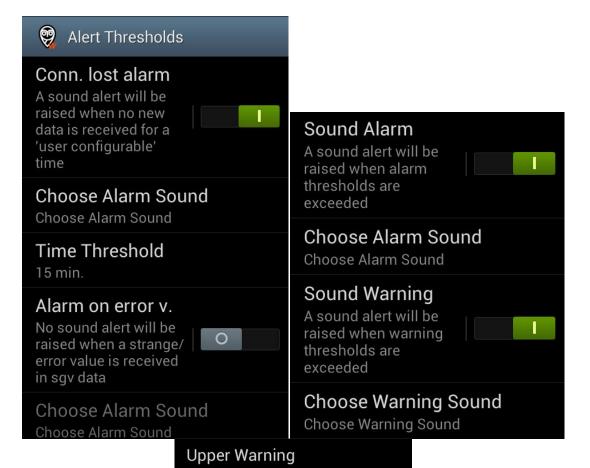
- Download the apk or download the source code and compile your own apk.
- Use your file browser on your phone to install the apk.

## Config

The first time you install the widget it will show a preference screen:



- 1. **Type**. Select your device type:
  - a. Medtronic
  - b. Dexcom
- 2. **Medtronic CGM ID**. ONLY if you have selected Medtronic Type. You must set the ID of your Medtronic pump to get access to Medtronic additional info.
  - a. **Widget Refresh Period**. The widget will be refreshed each: 1 Min., 2 Min., 3 Min., 4 Min., 5 Min., 10 Min., 15 Min., 20 Min., 30 Min., 60 Min.
- 3. **Max Insulin Units**. ONLY if you have selected Medtronic Type. You must set capacity of insulin units in the pump.
- 4. Activate Alarms.
  - a. Off. No alarms will be raised
  - b. **On**. Widget alarms are active, a sound alert will be raised on customizable conditions
- 5. Alert Thresholds (Submenu). Enabled if Activate Alarms is On, Disabled otherwise.



**Lower Warning** 

Upper Alarm

Lower Alarm

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- Connection Lost Alarm.
  - On. A sound alert will be raised when no new date is received for a "user configurable" time.
  - ii. Off. No alert will be raised.
- b. **Choose Alarm Sound**. Set the alarm sound track to be played as alarm.
- c. **Time Threshold**. Time after which the widget will raise the connection lost alarm.
- d. Alarm on Error value.
  - On. A sound alert will be raised when a strange/error value is received as sgv data.
  - ii. Off. No alert will be raised.
- e. **Choose Alarm Sound**. Set the alarm sound track to be played as alarm.
- f. Sound Alarm.
  - i. **On**. A sound alert will be raised when alarm thresholds are exceeded.
  - ii. Off. No alert will be raised.
- g. **Choose Alarm Sound**. Set the alarm sound track to be played as alarm.
- h. Sound Warning.
  - On. A sound alert will be raised when warning thresholds are exceeded.
  - ii. Off. No alert will be raised.
- i. **Choose Warning Sound**. Set the alarm sound track to be played as warning.
- j. **Upper Warning**. Upper Warning Threshold.
- k. **Lower Warning**. Upper Warning Threshold.
- I. Upper Alarm. Upper Alarm Threshold.
- m. Lower Alarm. Lower Alarm Threshold.
- 6. **MongoDB URI**. Set the address to your Mongo database (It must be the same address used in Nightscout uploader).
- 7. **Collection Name**. Set the sgv entries collection name in the mongo data base. (It must be the same collection name used in Nightscout uploader)
- 8. **WEB URI**. Set the address of your Nightscout web site (azure or other) you will be redirected to this address when the widget icon is pressed.
- 9. Disclaimer (I Understand).
  - a. **On**. You must accept to activate the widget functionalities.
  - b. Off. The widget is turned off.

## Medtronic view



Widget Icon  $\rightarrow$  Sgv Value  $\rightarrow$  trend arrow  $\rightarrow$  Pump battery level  $\rightarrow$  Insulin Left.

Phone battery (uploader) → Time since last value received.

## DexCom view



Widget Icon  $\rightarrow$  Sgv Value  $\rightarrow$  trend arrow.

Phone battery (uploader) → Time since last value received.