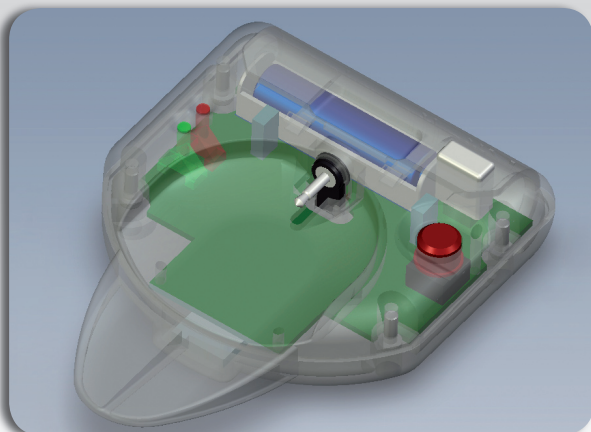


Vitaltronics

DEVELOPMENT & PRODUCTION OF TELEMEDICINE DEVICES

GLUCOM

ALREADY AVAILABLE FOR THE ABBOTT
FREESTYLE FREEDOM LITE



"The **Glucom cradle** is a communicating tool for your glucose meter. With the glucom, you can pair your glucose monitor to a mobile phone and send directly your glucose values without further complicated manipulation or software.

Combined with the solutions of **the better telemedicine** or eHealth solutions providers, the **Glucom** is a tool for effective diabetes disease management."



Bluetooth® Compatible with the majority of the **Bluetooth** Mobile phones Secure instant transmission Cost-effective & **easy to use**.



Other glucometer models on demand from 250 pcs. Including free communication specifications and SDK's for reception infrastructure development.

Functionalities:

- ✔ Designed to fit the free style freedom lite Abbott glucometer
- ✔ Potentially adaptable to any medical device with a serial-like interface
- ✔ Automatic scan and pairing with authenticated devices
- ✔ Automatic switch off
- ✔ Automatic sending of new measurements
- ✔ Manages up to 8 Glucometers simultaneously
- ✔ Configurable through the same jack interface: Pin code, Bluetooth address of device to connect to, dial number (for SMS), selection of default configurations
- ✔ Self-configuring device identification.
- ✔ Easy user interface (One button and two leds)
- ✔ Secure communication: preserving privacy
- ✔ Opportunistic routing: transmitting through PC, Bluetooth gateway, GSM SMS, etc.
- ✔ Large and seamless support of bluetooth enabled mobile devices
- ✔ Fully customizable as per customer/integrator requests

Specifications:

- ✔ **Size:** 114x85x26 mm
- ✔ **Low power consumption: optimized for battery use** (1.5 V)
- ✔ **Extremely low quiescent current in sleep mode** (<1uA)
- ✔ **Typical:** 75 mA (for a few seconds)
- ✔ **Integrated 16 bit microcontroller**
- ✔ **Full Bluetooth stack** (Bluetooth certified)
- ✔ **Range:** up to 100 m (class I)



Smart bluetooth interface for **ABBOTT freestyle Freedom Lite Glucometer**

The widespread availability of **Bluetooth**-enabled devices (350 million mobile phones, 50 million headsets in the past year) builds tremendous opportunities for **wireless communicating devices**. Telemedicine scenarios can be enabled that allow daily **monitoring** of patient data, and **uploading** on a **centralized** server, while preserving **freedom of movement** (nomadic monitoring). However, current implementations are often a mere cable replacement. Therefore they lack the ability to discriminately handle complex environments where several devices are found, or where the uplink may happen through various means (set-top box, GSM, SMS, GPRS, ...).

About Vitaltronics:

Vitaltronics is an **innovative company** based in the university city of Louvain-La-Neuve.



It's activity is:

- ✔ The development, the manufacturing and the sales of **personal telemonitoring** devices.
- ✔ **The development** on demand of new **innovative health devices** for niche markets (-e.g. eHealth & telemonitoring)
- ✔ **Management, consultancy and support** services in the eHealth and health **innovation** domains.

Distributor:



Vitaltronics sa

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