
WE ARE DATA

Fingerprint scanner documentation

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tratek (cf Figure 1). It is composed of two parts: the acquisition area and the sensor its	which represent the bigger part of the device, and a little board below it (cf Figure 2).


Figure 1

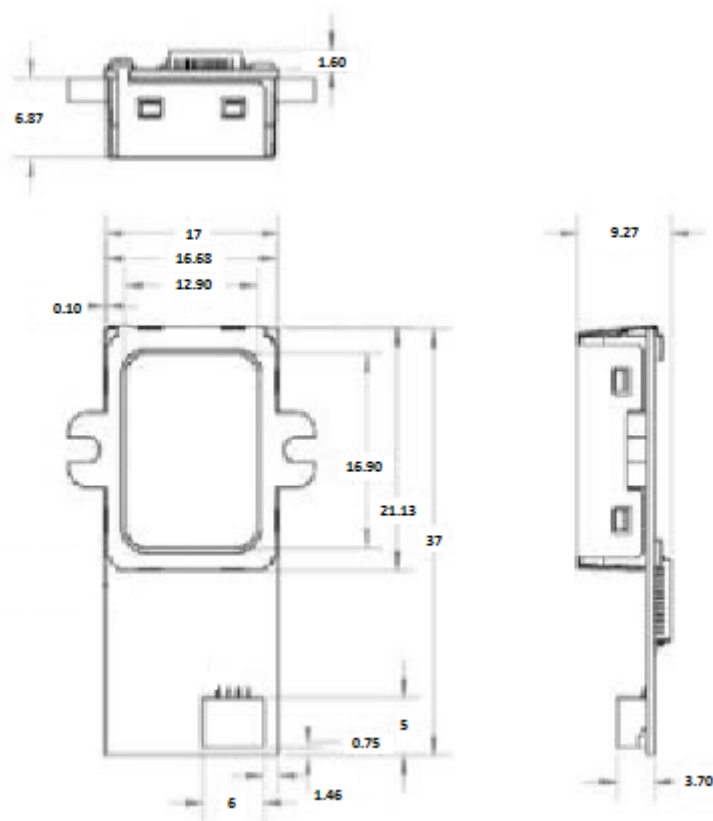


Figure 2

The communication between the sensor and the computer is made thanks to a JST SH Jumper 4 wire (cf Figure 3). The wire needs to be connected to another device in order to make the serial connection. This device can be an FTDI, which is the best solution considering its small size, or an Arduino board.



Figure 3

The JST SH Jumper 4 wire owns 4 wires which will be connected to the serial device (cf Figure 4).

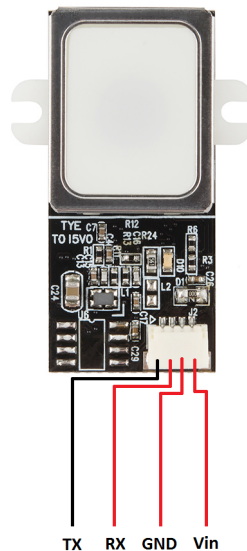


Figure 4

The output of the program is a bmp file. Before using the program, it is necessary to change the communication port (according to the computer), the directory for the saving and the name of the generated files (which both depends of the way chosen to identify the visitor).