
OXOBUTTON T

(T=TOUGH)

SPECSHEET



PRODUCT NUMBER

- AF0B01

SOFTWARE

- Configuration through Bluetooth (free App)
 - Firmware over the air*
 - Configure the LoRa-Params*
 - Software modes setting*
 - Change of images*
- Customizable Firmware: on request

USER INTERFACE:

- 1.6" E-Paper Display (200×200px)
- 4×2 button LEDs + 1 BLE bicolor LEDs (red and green)
- 4 User-, 1 BLE- and 1 Reset-Button
- Buzzer

BLUETOOTH

- Bluetooth BLE
- Device Configuration over Bluetooth
- Picture and Text Transfer
- Firmware Over the Air (FOTA)

TEMPERATURE SENSOR

- Resolution: 12 Bit
- +/- 2° C

LORA

- SX1276 Semtech
- Supported Frequencies : 868 MHz
- Adaptive Data Rate (ADR) supported

APPLICATIONS

- Pricetag
- Inventory
- Alarming
- Facility Management
- Reorder process
- Other

MCU

- STM32L082
- FLASH: 192kB
- RAM: 20kB
- EEPROM: 6kB
- Clock: 32MHz and 32.768kHz

OPERATION TEMPERATURE:

- >10° C and <30° C

ACCELEROMETER

- Low Power Accelerometer
- Selectable Full Scale:
 - +/- 2g, +/- 4g, +/- 8g, +/- 16g
- Data Rate: 1.6 – 1600Hz
- Resolution: 16 Bit


EXTERN MEMORY

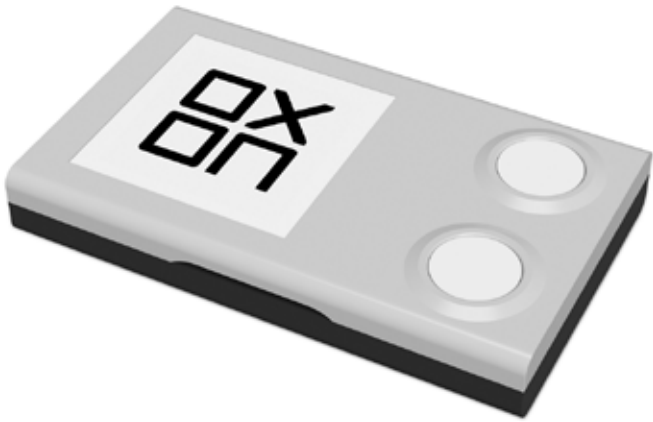
- 1 MB NOR-Flash
- Memory to store over 100 Images

POWER SUPPLY

- 3V CR2430 Battery (300mAh)
- Standby-Current: <3uA

OXOBUTTON T

Oxon konzipiert und erstellt Hard- und Software 

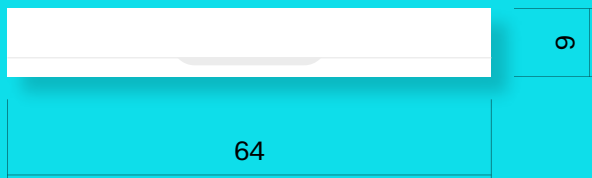


SIZE

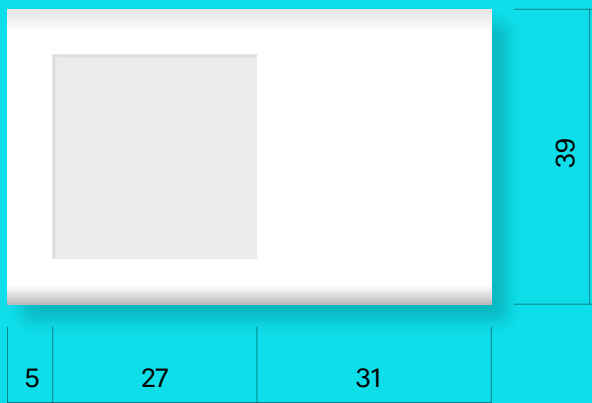
Dimension: 64×39×9 mm

Display: 27×27 mm

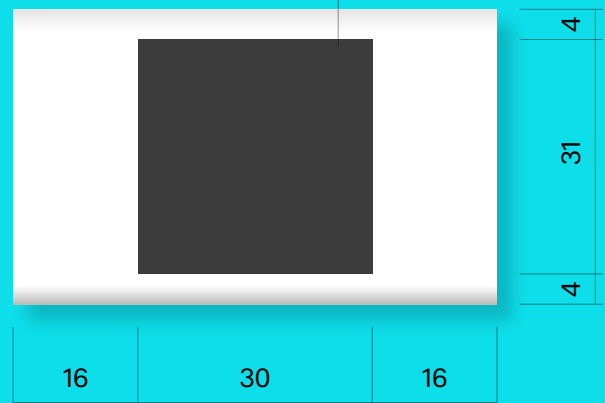
SIDE VIEW



TOP VIEW



BACKSIDE VIEW



**At the backside,
there's a magnet**