

RickEasyPhoto is a system to have a photo animation for your parties and allows to take high quality selfies

- 8Mo Photos
- Pictures stored on USB
- Download pictures on the phone with QR Code
- Print of the pictures
- Full customization for each events
- Flash & lights customizable
- Big screen
- Fun & wireless Push Button
- HMI very simple & easy during the event

Hardware Box :

- Raspberry PI 3B+
- PiCamera 8Mo
- RTC (autonomous date)
- Relays
- Leds
- 5V / 12V / 220V
- Bluetooth (push button)

Software for configuration under Windows:

- Python 3
- .txt
- Tkinter

Photobox interface:

- Python 3 :
 - o Open CV
 - o Pillow
 - o Tkinter
 - o Serveur http

- o Multithread
- o ConfigParser

Print server:

- o Old laptop under LUBUNTU
- Python 3 :
 - o Open CV
 - o Pillow
 - o TKinter
 - o Serveur Apache
 - o automatic HTML generation
 - o Multithread
 - o CUPS
 - o Push buttons (USB)