

# Pi-puck

## LINUX EXTENSION FOR E-PUCK BASED ON RASPBERRY PI ZERO W

Swiss Made

Several LEDs to show the status of the RPi and the power/chargers.

6x ToF distance sensor slots

3x RGB LEDs

1 digital microphone and 1 speaker

e-puck camera transformed as a USB camera for RPi by FT903

Micro USB cable to the RPi uart port (console). Also used for charging.

Charging contact points in front for automatic charging. External docking station available.

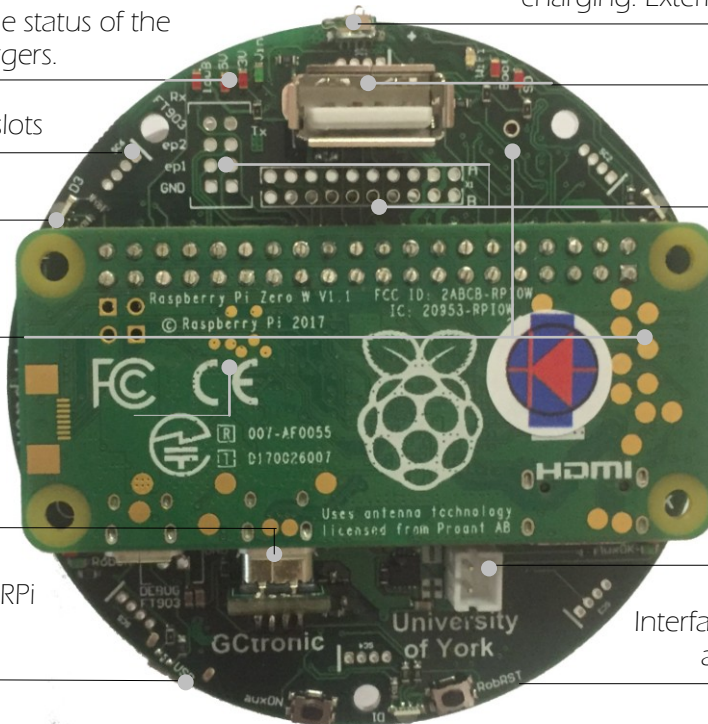
USB hub with 2 free ports

extension options: I2C, 2 ADC inputs, power, SPI, UART to e-puck 1, 2, FT903

2 chargers: one for the robot battery and one for the auxiliary battery

Auxiliary battery.

Interface between e-puck (1 and 2) and Raspberry Pi Zero W (RPi)



Pi-puck on e-puck2



Omnivision extension V3



- 5Mpixel color camera (RPi Zero mini cam)
- 360° view
- parabolic mirror
- compatible with Pi-puck
- interfaced with RPi Zero W

LAUNCHING PRICE:  
234 CHF

In collaboration with:



UNIVERSITY  
of York



LAUNCHING PRICE: 295 CHF

