PixCtr16-POE
Manual

➢ Specifications :

- POE (IEEE 802.3)
- Dimensions : 94*28*20mm
- 16 Art-Net Univers (RGB / RGBW)
  - 4 Univers per output (4 outputs)
  - RGB Version : 170 Leds / Univers
  - RGBW Version : 128 Leds / Univers
- Can be managed via Web app on port 80
- You must always send the last Univers (16th) to send data to Leds

➢ Precautions :

- Do not connect USB to the board, under penalty of warranty refusal
- Do not expose to water or moisture, under penalty of warranty refusal

➢ Default configurations :

- IP Address : 2.0.0.10
- Subnet Mask : 255.0.0.0
- Gateway : 2.0.0.1
- First Univers: 1 (last : 16)
- Leds type : WS2813 V4 (RGB order)

➢ Act LED : (green)

- No blinking : Power on, no last Univers receive
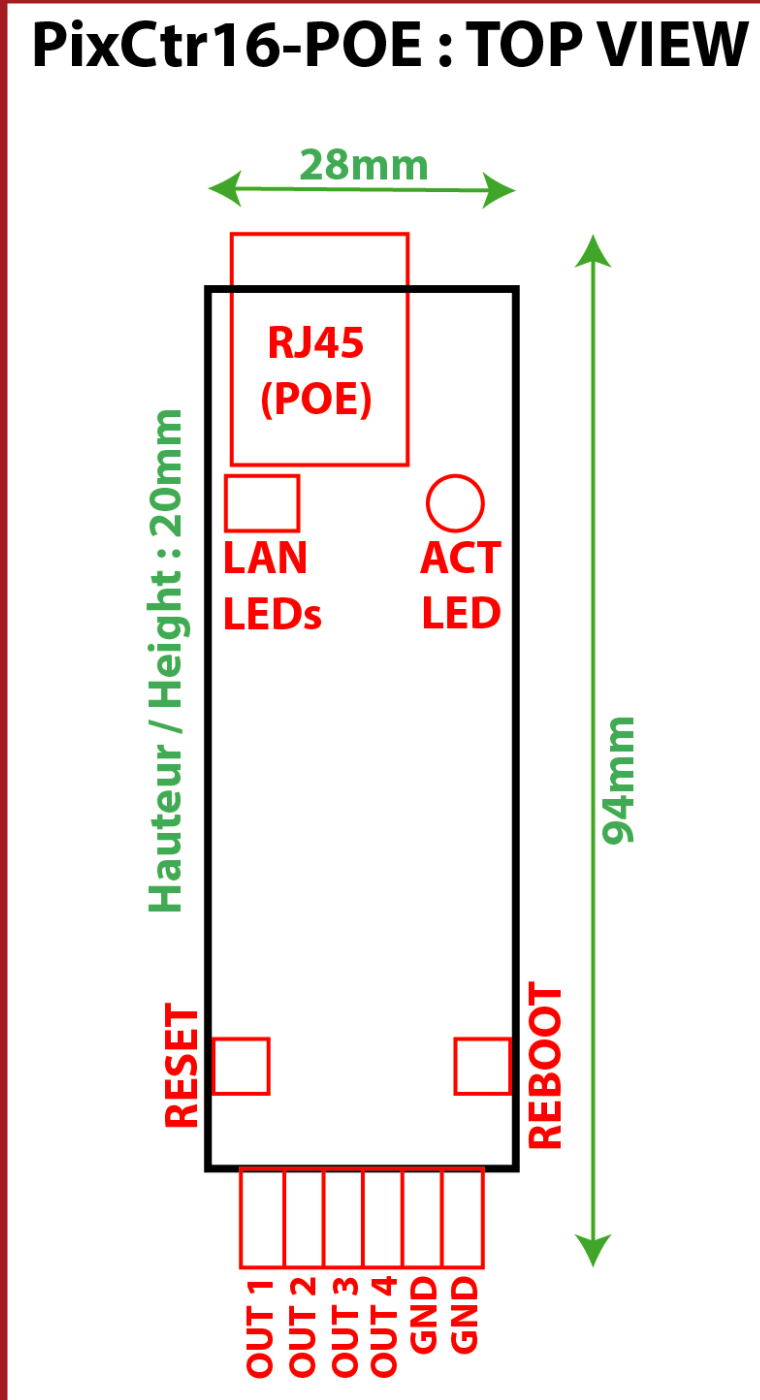- Blinking twice per second: last Univers receive, send to Leds

➢ Reset button (BUT1)

- Press 3 seconds to restore default configuration

➢ Configuration example :

- First Univers : 1 (so last = 16)
  - Out 1 : Univers 1, 2, 3 & 4
  - Out 2 : Univers 5, 6, 7 & 8
  - Out 3 : Univers 9, 10, 11 & 12
  - Out 4 : Univers 13, 14, 15 & 16

Due to continuous improvements of all products, all information contained in this document are subject to change without notification.

➢ **Schema :**

PixCtr16-POE : TOP VIEW

28mm

Hauteur / Height : 20mm

**RJ45
(POE)**

**LAN
LEDs**   **ACT
LED**

94mm

RESET   **REBOOT**

OUT 1   OUT 2   OUT 3   OUT 4   GND   GND

➢ **Configuration (Web App) :**

PixCtr16-POE Config

Network Configuration

IP Address : 2 . 0 . 0 . 10

Subnet Mask : 255 . 0 . 0 . 0

Default Gateway : 2 . 0 . 0 . 1 [Modify]

LEDs Configuration

First Universe : 1 [Modify]

LEDs Type : SK6812W V2 (RGBW) ⌄ [Modify]

Color Order : GRBW ⌄ [Modify]

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