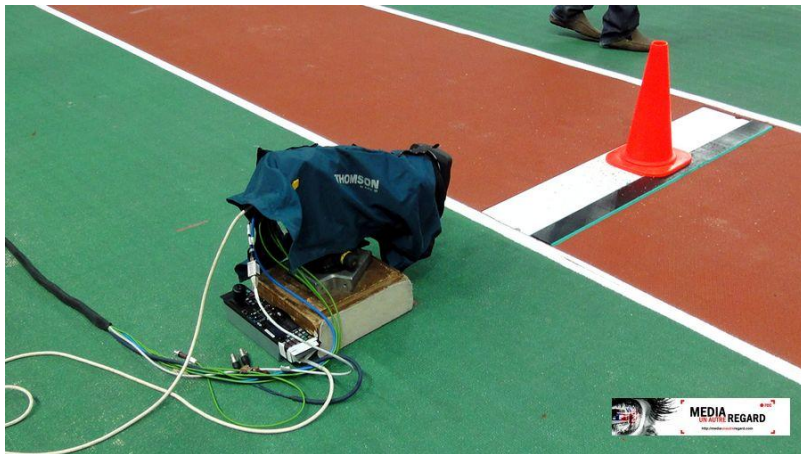
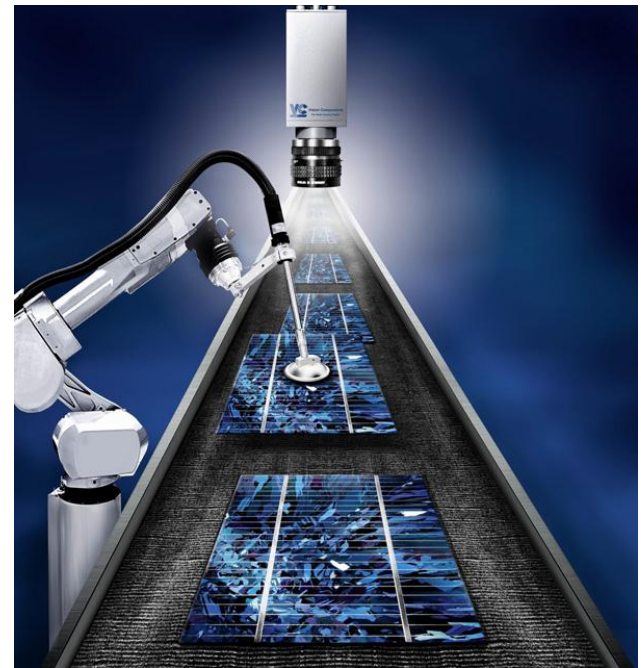
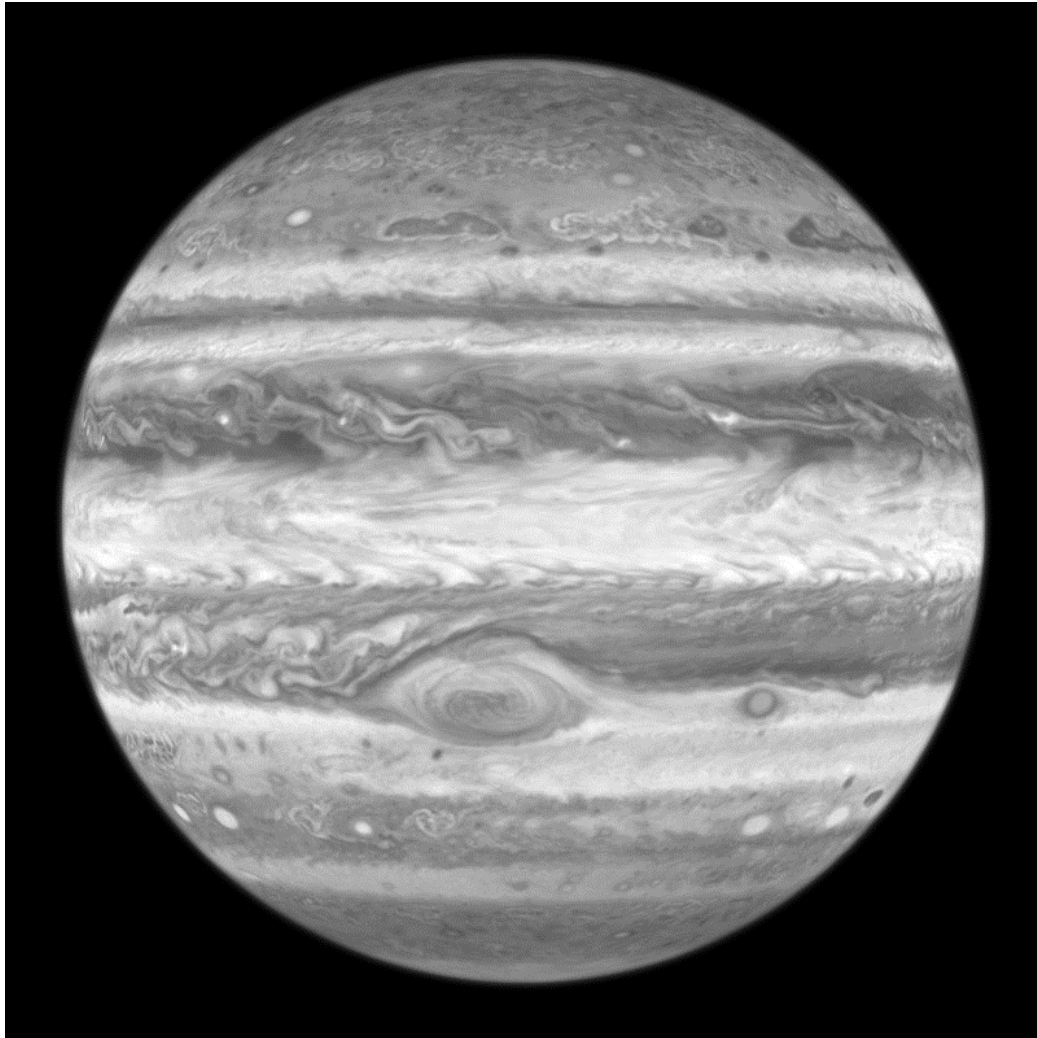
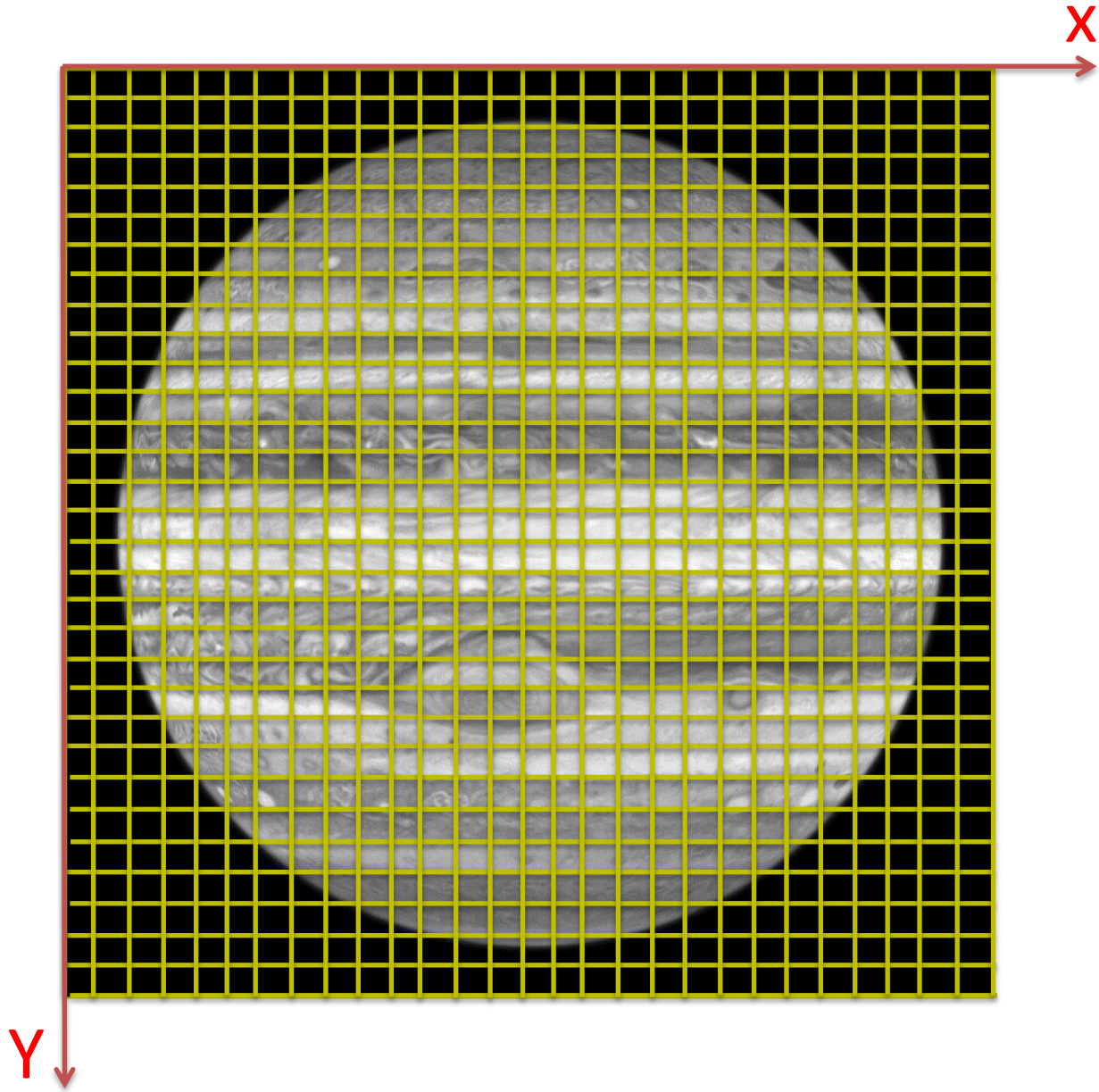


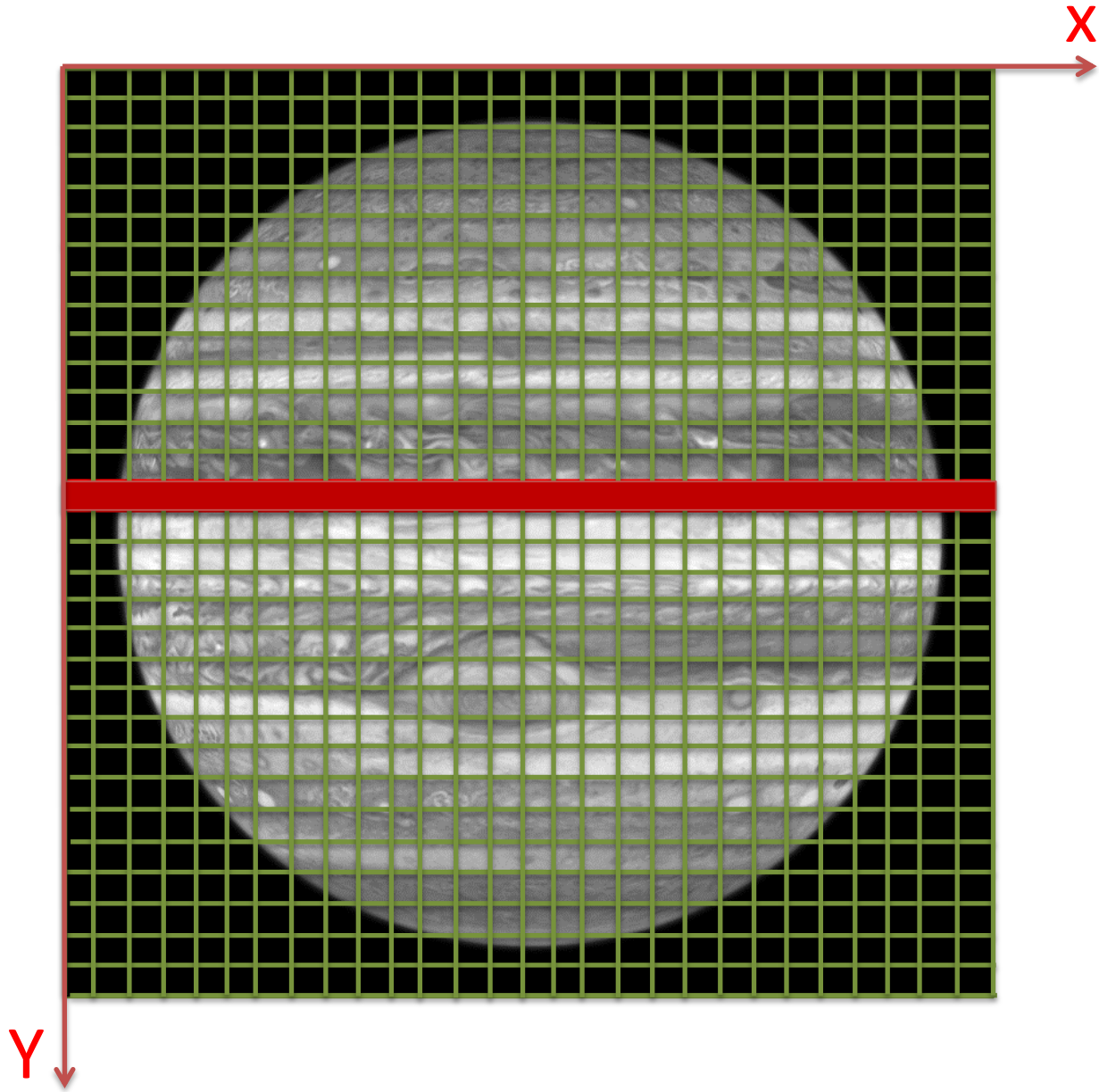


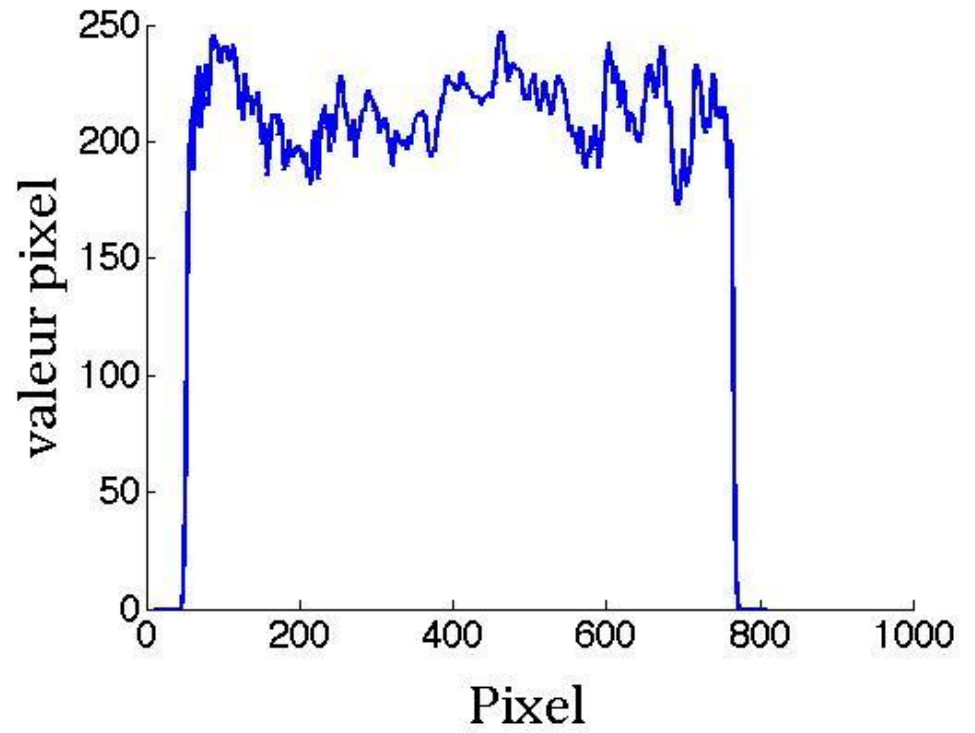
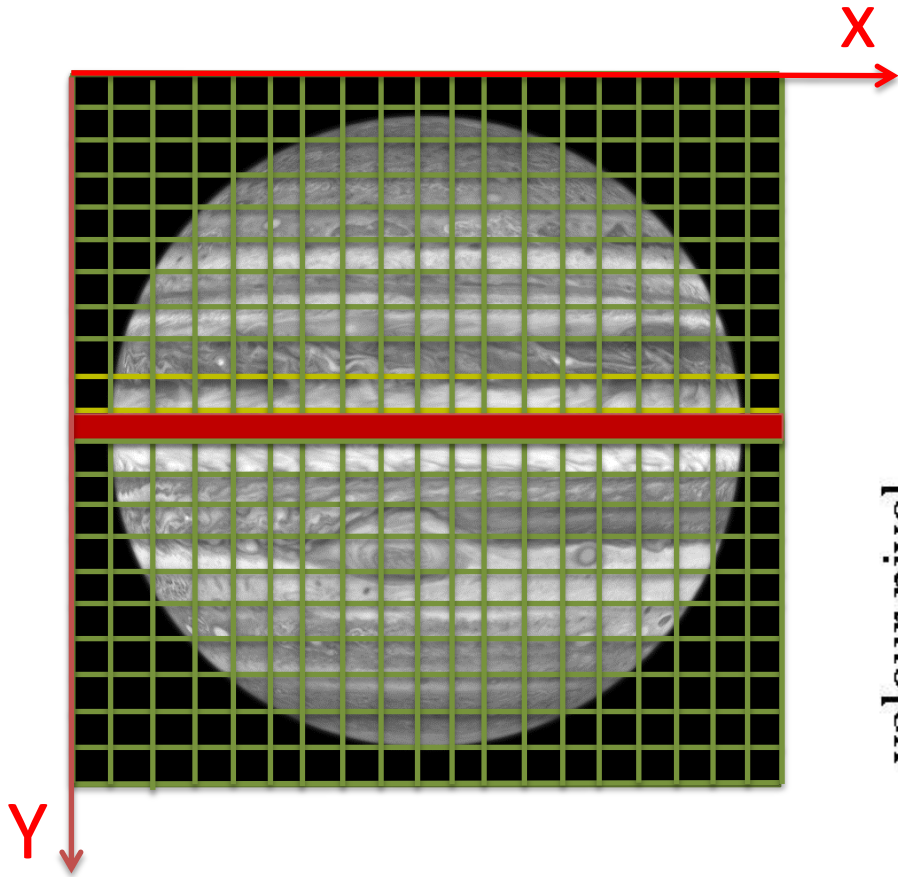
# DÉMON : CAMERA LINÉAIRE







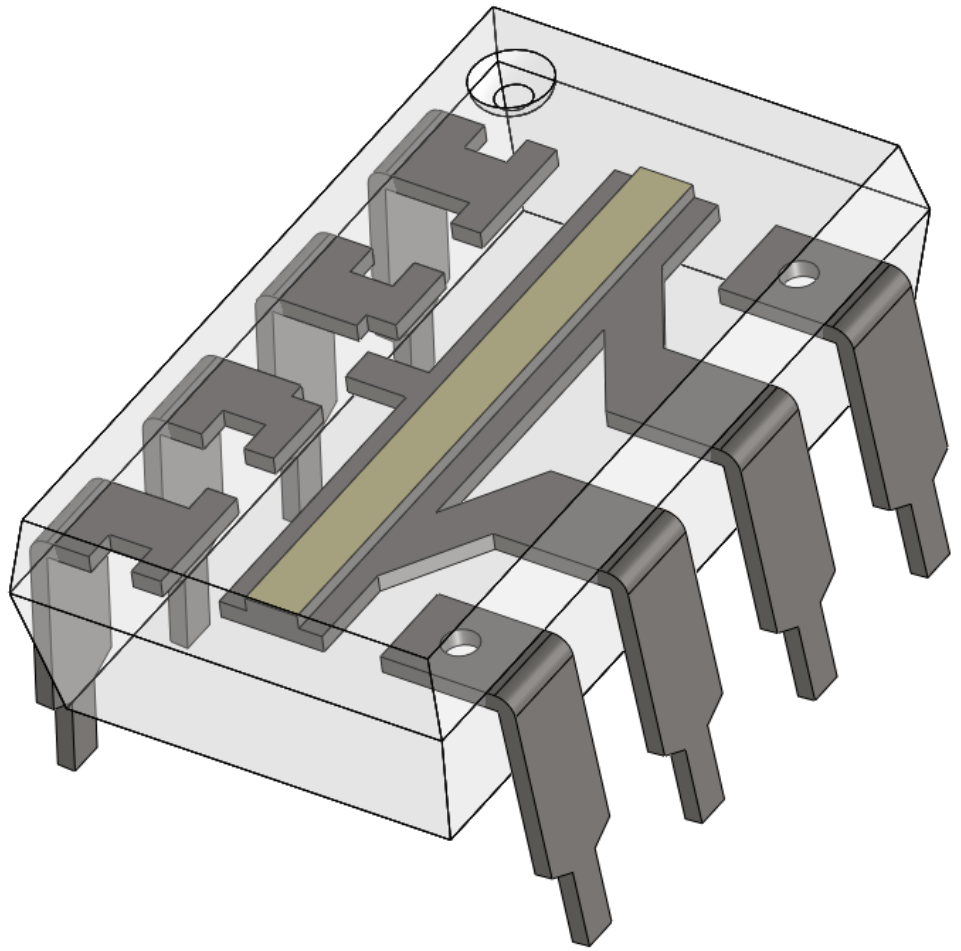




# MODULE ROBOPOLY

Caméra linéaire TSL3301

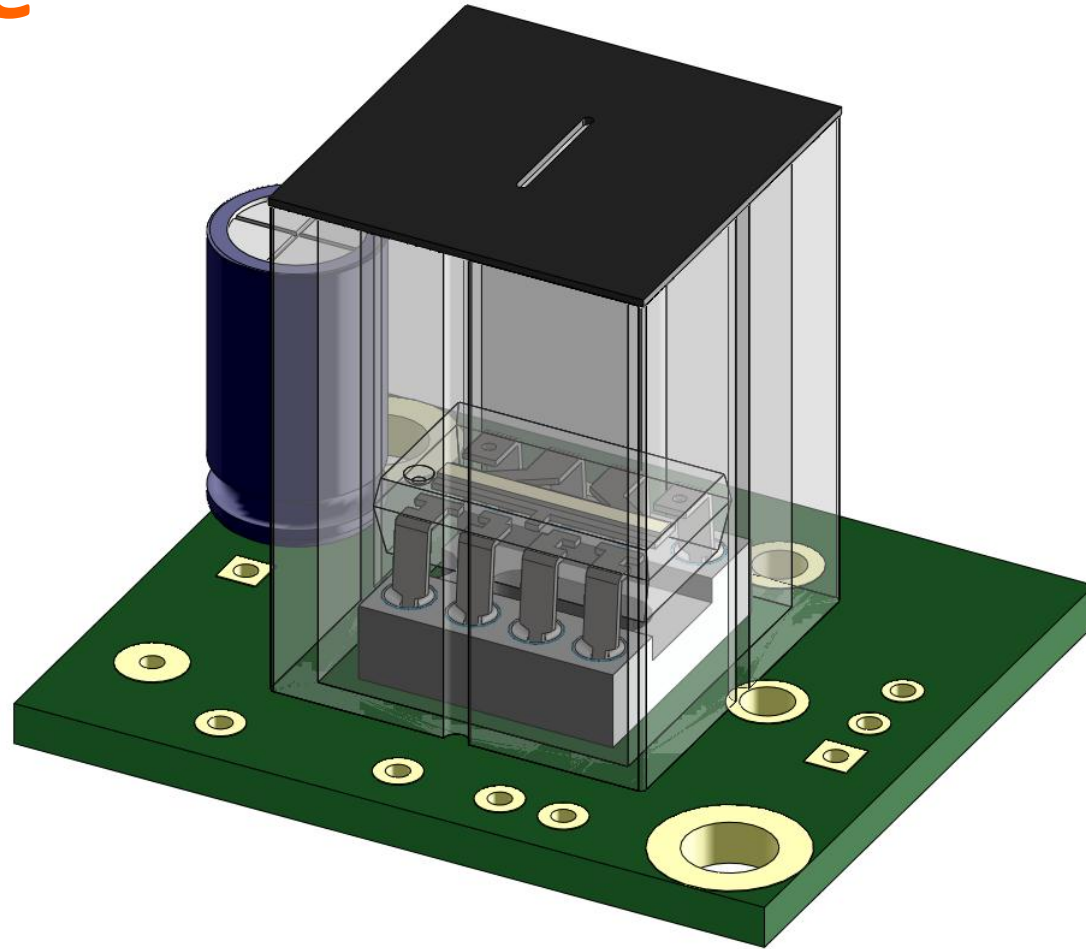
1x102 pixels



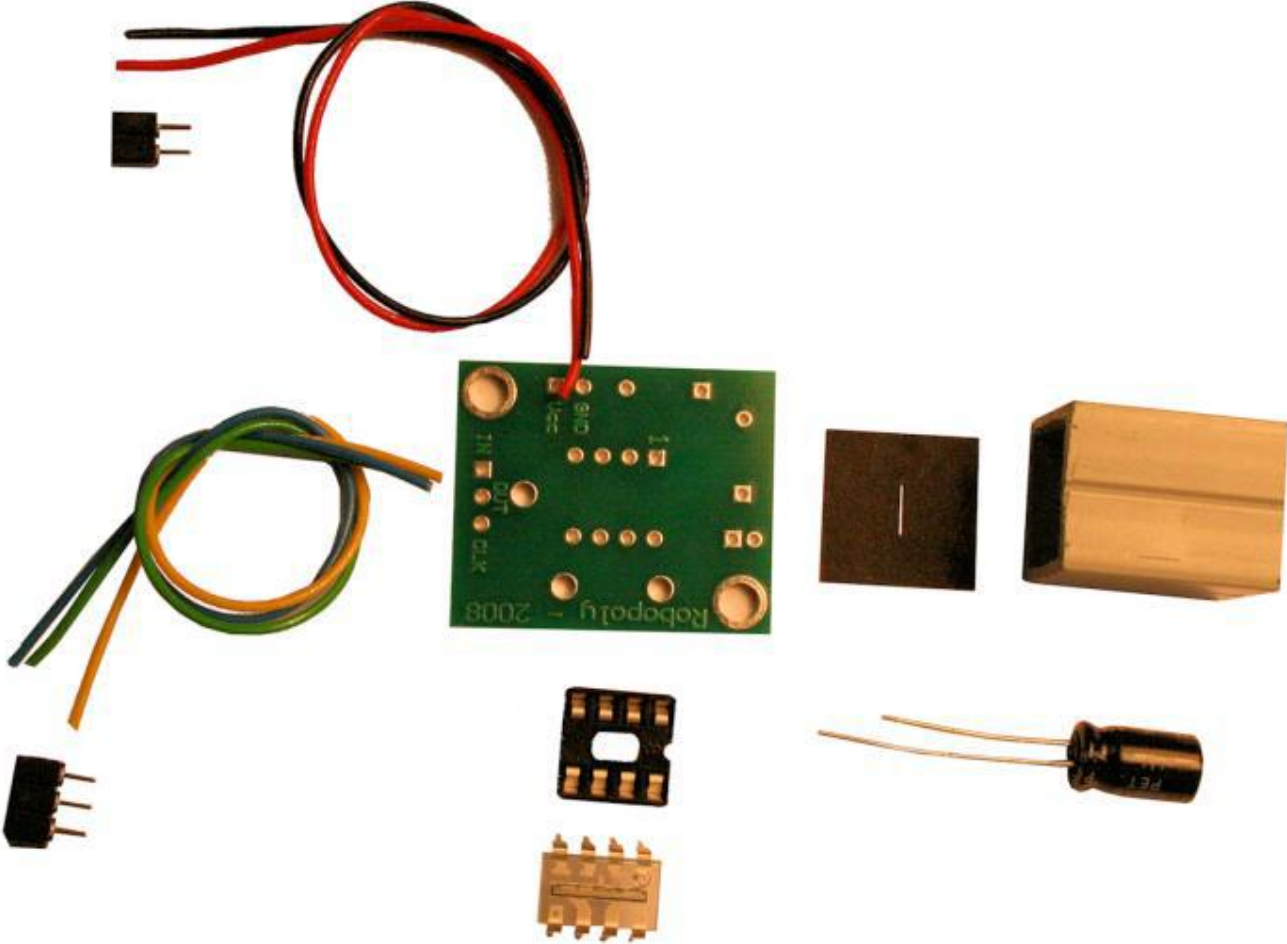


# Démonstration

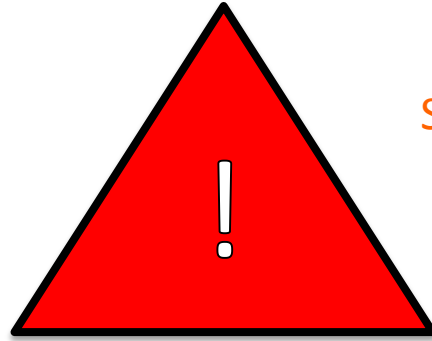
# Montage de la caméra linéaire



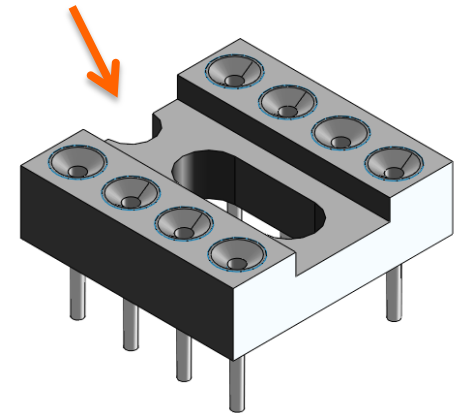
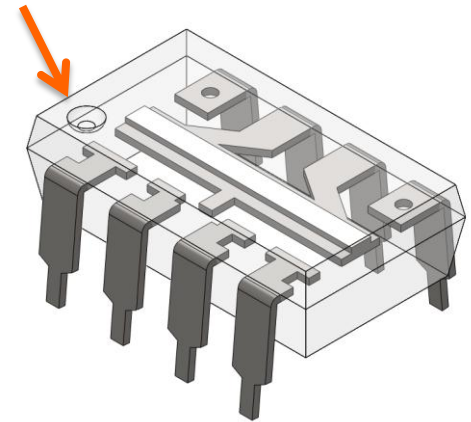
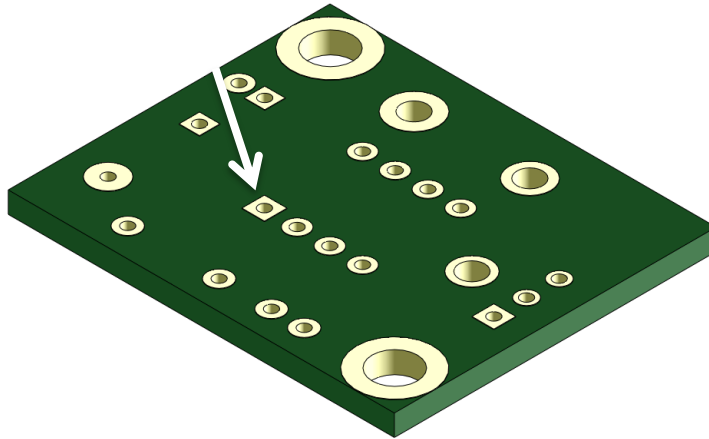
# Composants

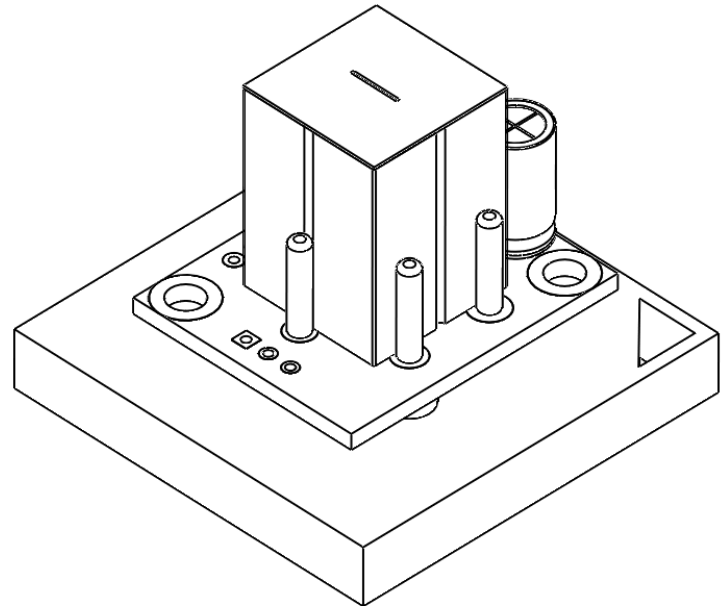
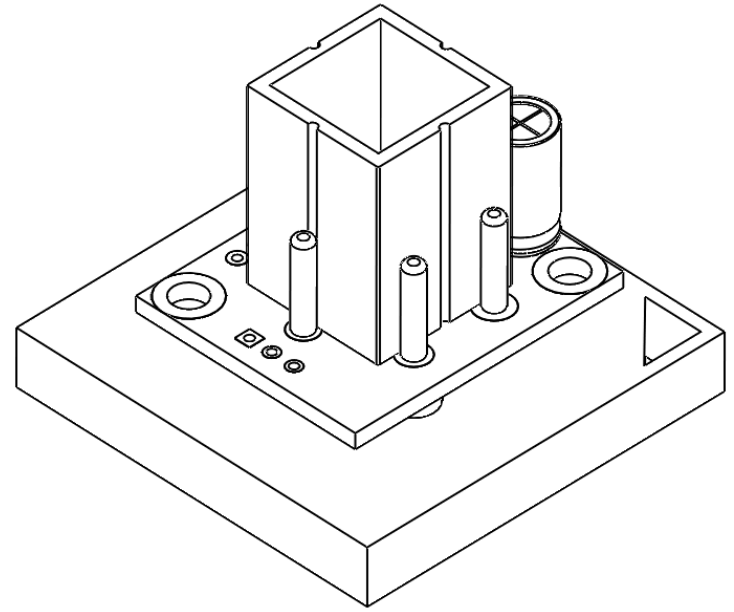
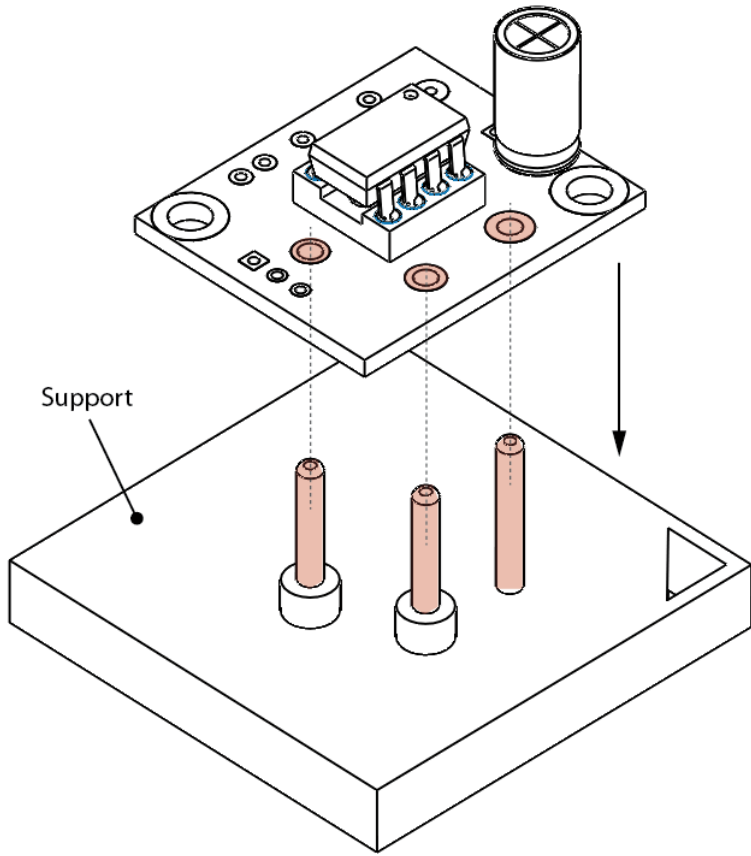


# Montage de la caméra linéaire



SENS!!!!



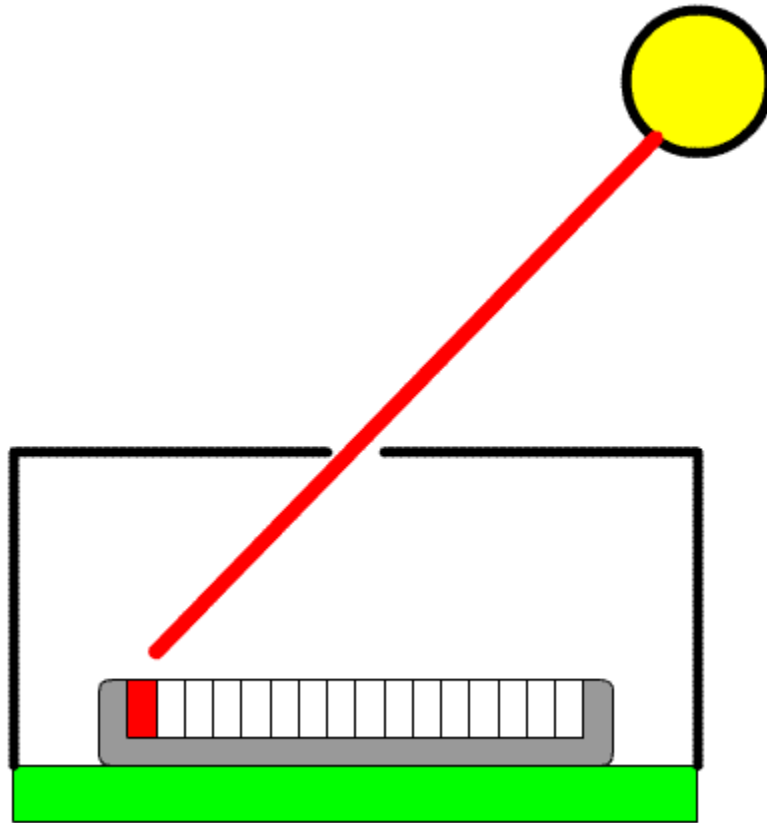


# Sens de la lentille

Cas 1

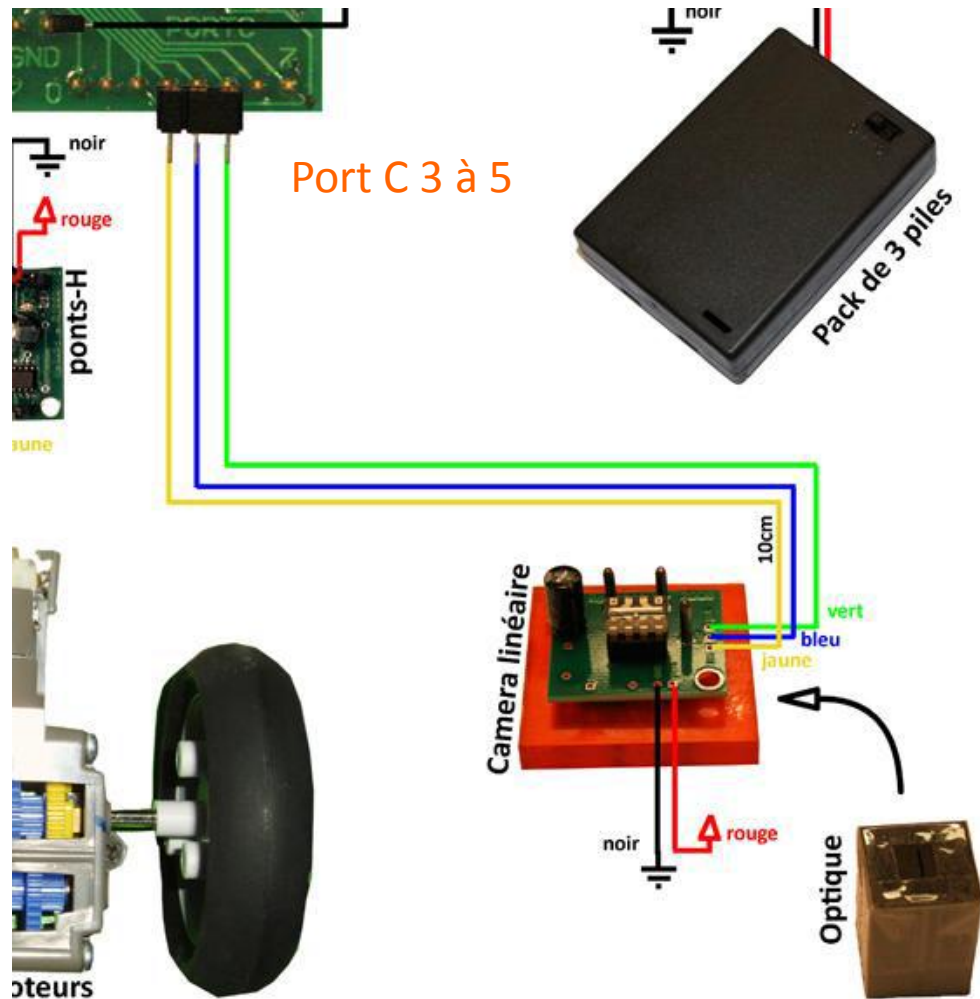
- Cas

- Cas



?

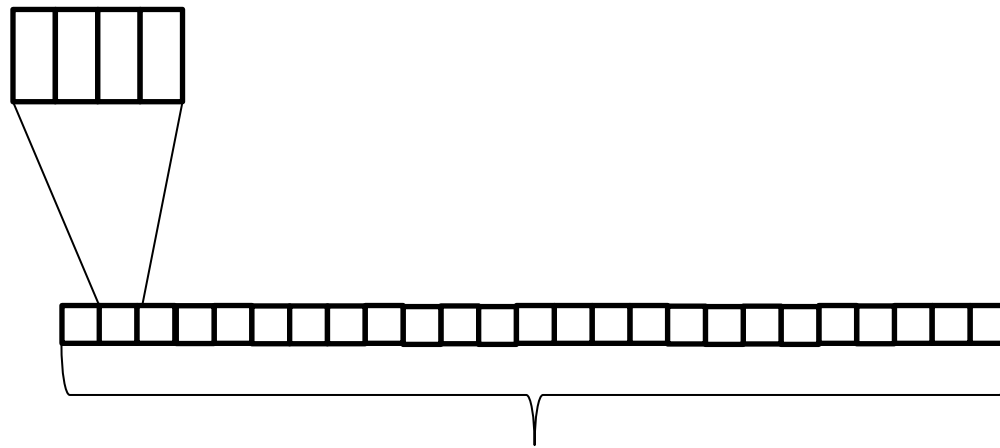
# Branchement



# Programmation

Librairies nécessaires :

lcam.h, lcamc.c, lcam.s



25 zones \* 4 = 100(+2) pixels



# Démonstration

- Initialisation
- Acquisition
- Traitement des données

# Initialisation

```
lcam_initport();
```

```
lcam_reset();
```

```
lcam_setup();
```

# Acquisition

Démarage :

```
lcam_startintegration();
```

Durée de l'intégration :

```
waitus(200);
```

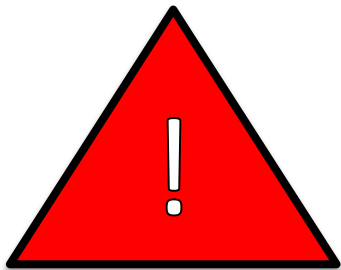
Stockage de l'image :

```
void lcam_stop(unsigned char *image);
```

# Traitement des données

```
unsigned char lcam_getpic(unsigned char *image);
```

Renvoie le numéro de la zone du pic d'intensité



Attendre au moins 100 ms entre chaque acquisition ! (`waitms(100)`)

# Démonstration

# Agenda

Lundi 5 mars : démon invité  
+ présentation des règles

Samedi 10 mars : Fireday Due