

Mounting screws

Multi Camera mount 2.0 (3 cameras 1 Clamp)

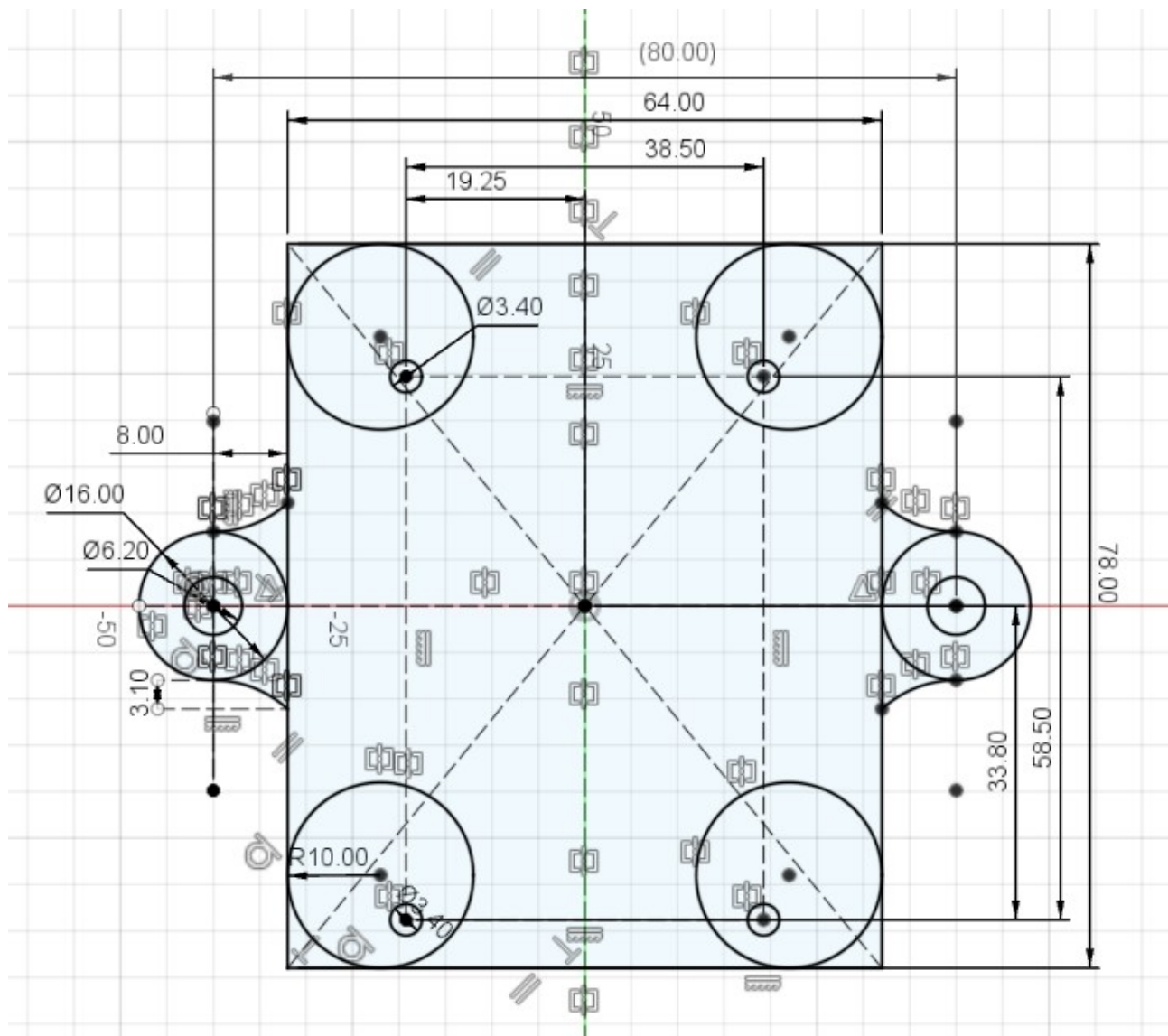
Improvements:

- Better alignment of the beam and the mounting plate
- Rounded mounting plates (10 mm radius)

Camera Plate

I add 4 R10 circles to round the plate and make it smooth

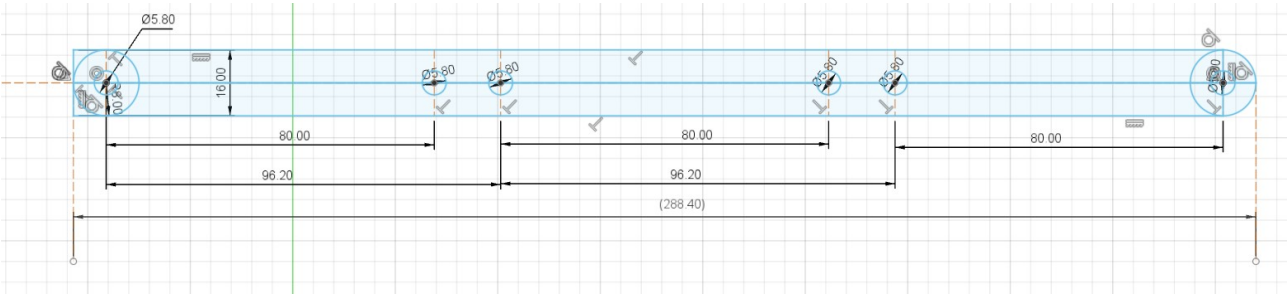
Changed the side mounting holes with a 16 mm rounded flange to better adapt to the beam



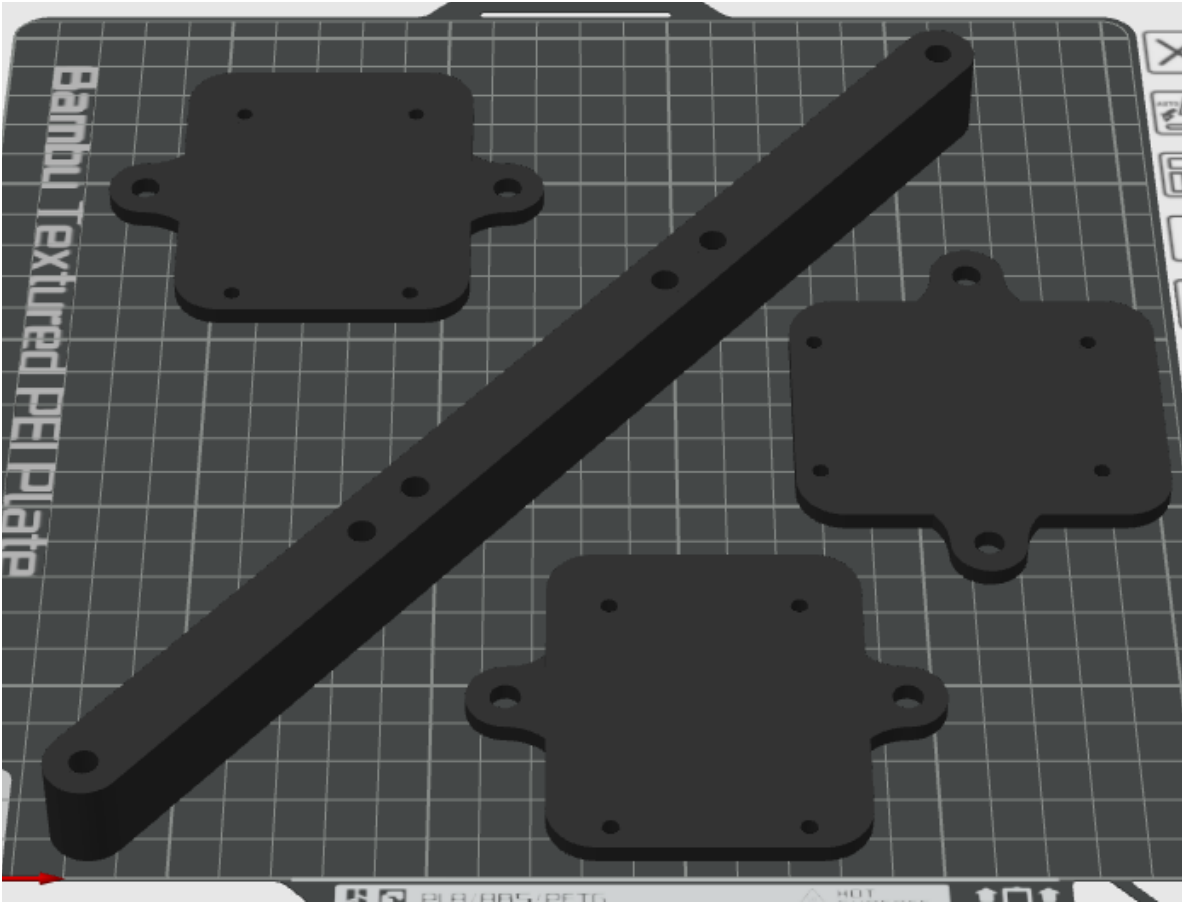
Support Beam

Total length: 288,40 mm

Camera distance: 96,20 mm



Printing layout



Final result (2.0)



Camera plate mounted to the camera





Possible improvements

The rounding diameter is not ok, better try with a lower radius (current radius is 10 mm)

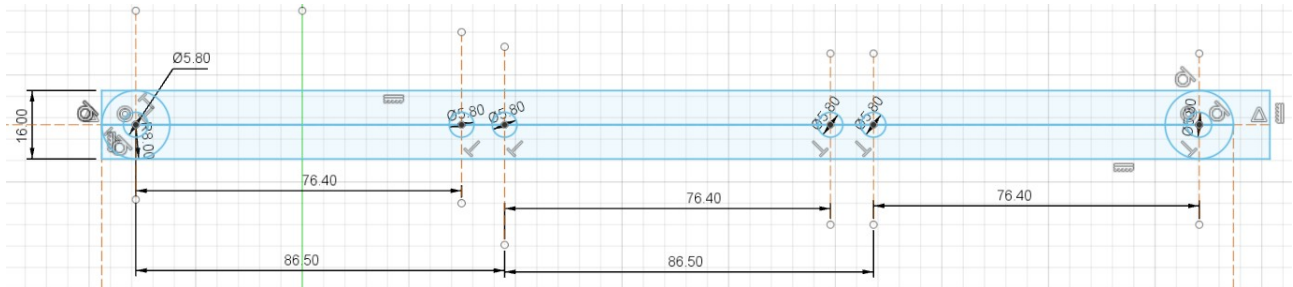


Multi Camera mount 1.0 (3 cameras 1 Clamp)

Support Beam

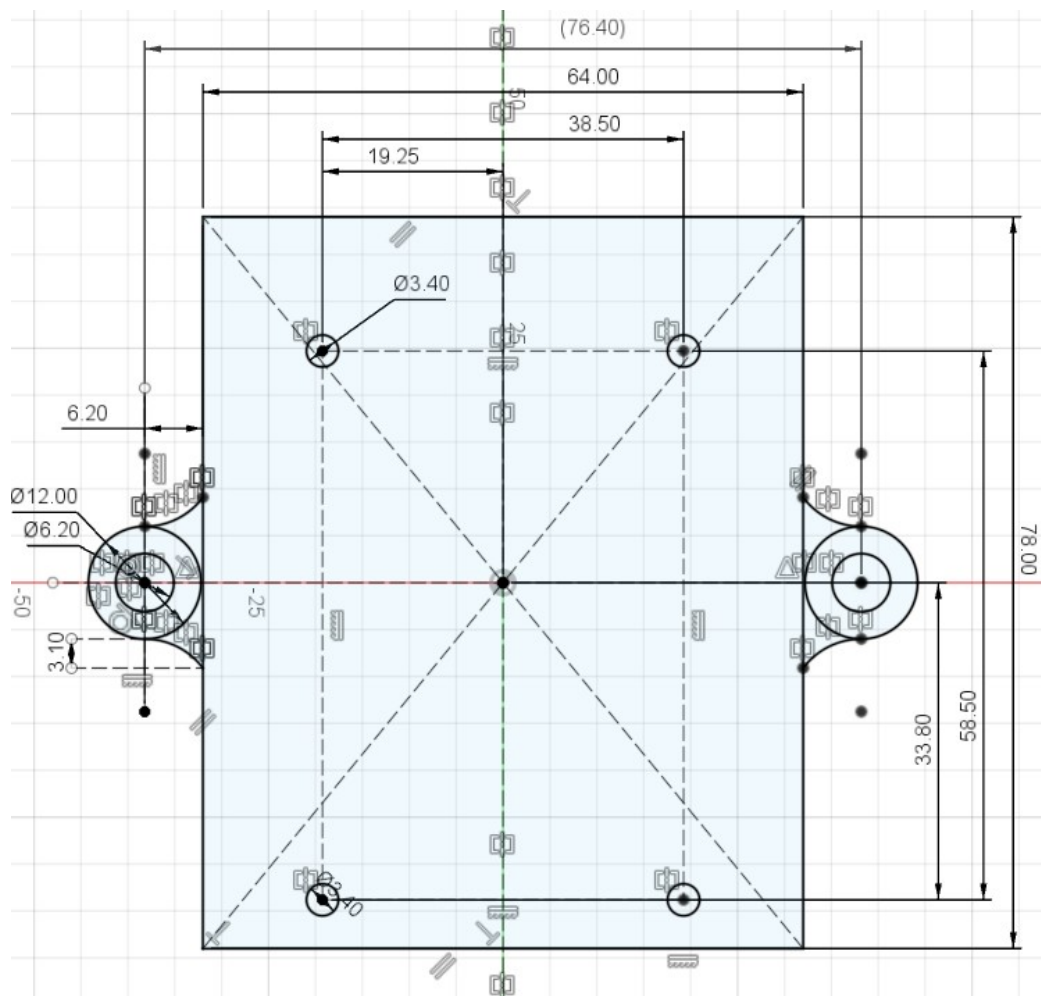
2 x 6 mm screws for each camera → 6 Screws

2 x 6mm washers for each camera → 6 Washers

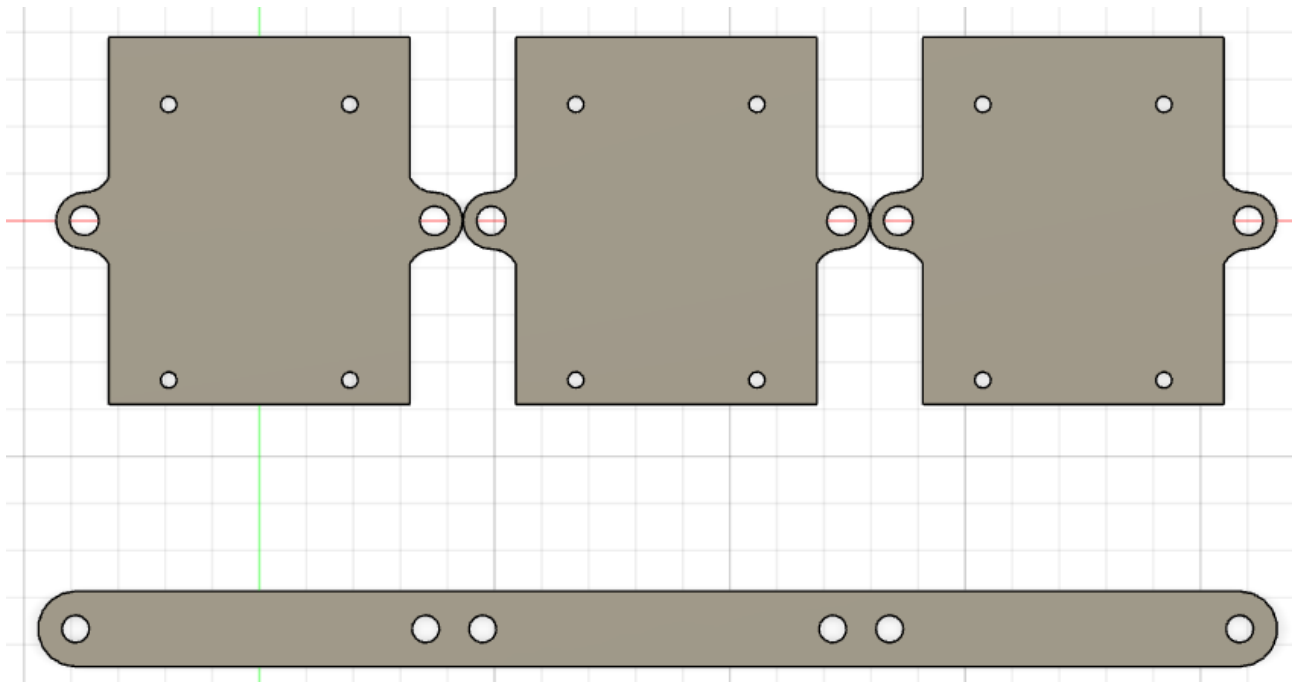


Camera Plate

Thickness: 4 mm



Top view



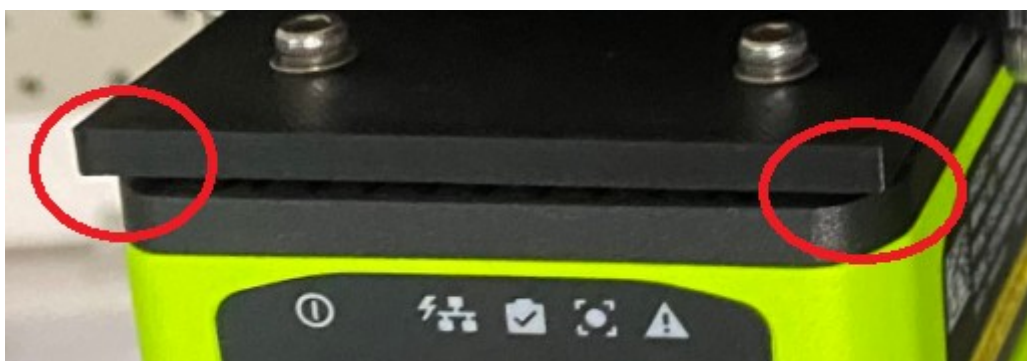
Final result



Possible improvements

Camera mount

Since the camera is rounded, so should be the camera mount. Having it squared makes it ugly



Beam and camera mount joint

The beam is 16 mm wide, the mounting fixture is 12 mm wide, hence this give an impression of mismatching

