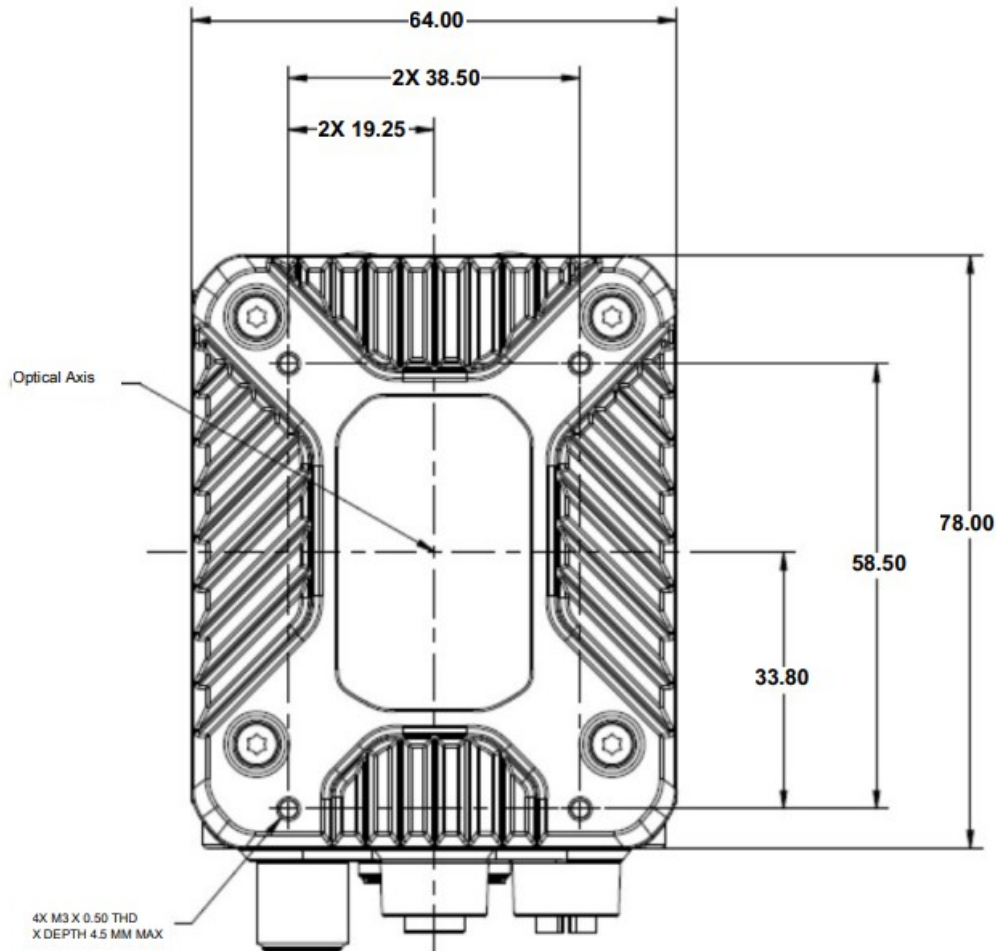


Multi Camera mount (3 cameras 1 Clamp)

Back Side camera bracket

Figure 2 xS40 Bottom Dimensions



Mounting screws

4X M3 X 0.50 THD
X DEPTH 4.5 MM MAX

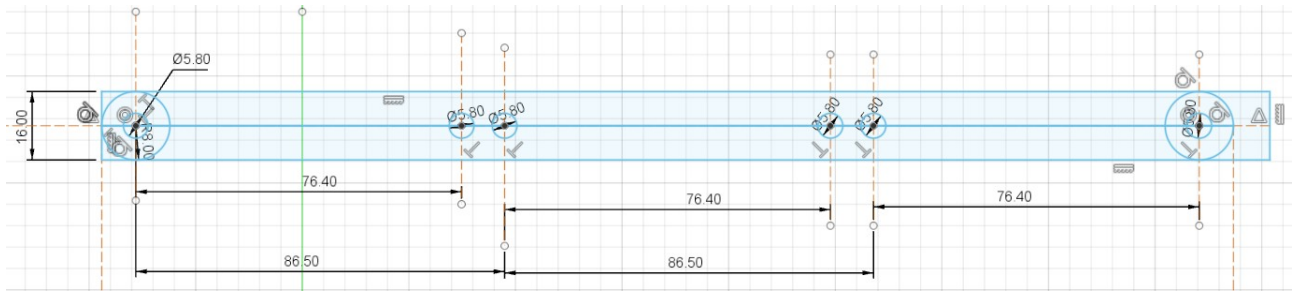
I set the thickness to 4 mm so I can use M3 x 8 mm and a washer.

→

Support Beam

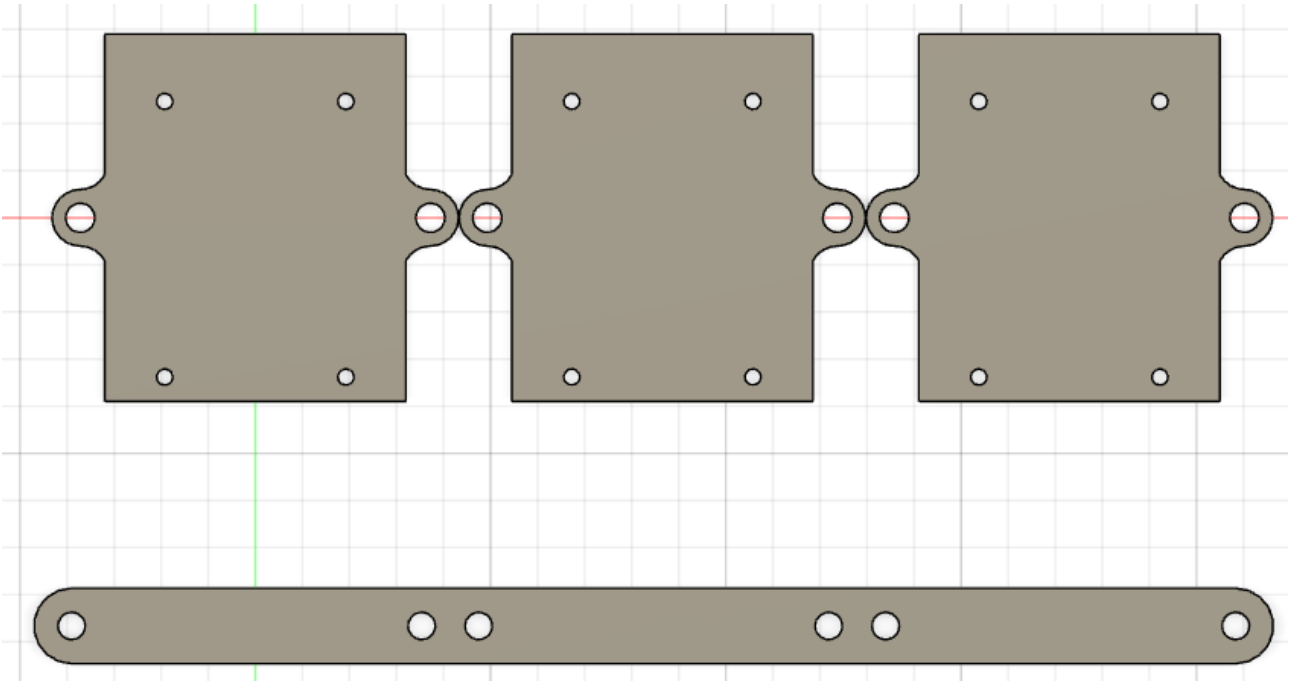
2 x 6 mm screws for each camera → 6 Screws

2 x 6mm washers for each camera → 6 Washers



[illegible]

Top view



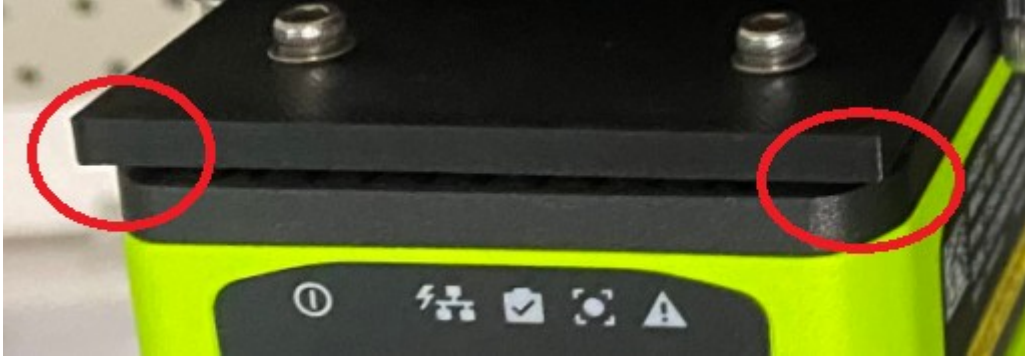
Final result



Possible improvements

Camera mount

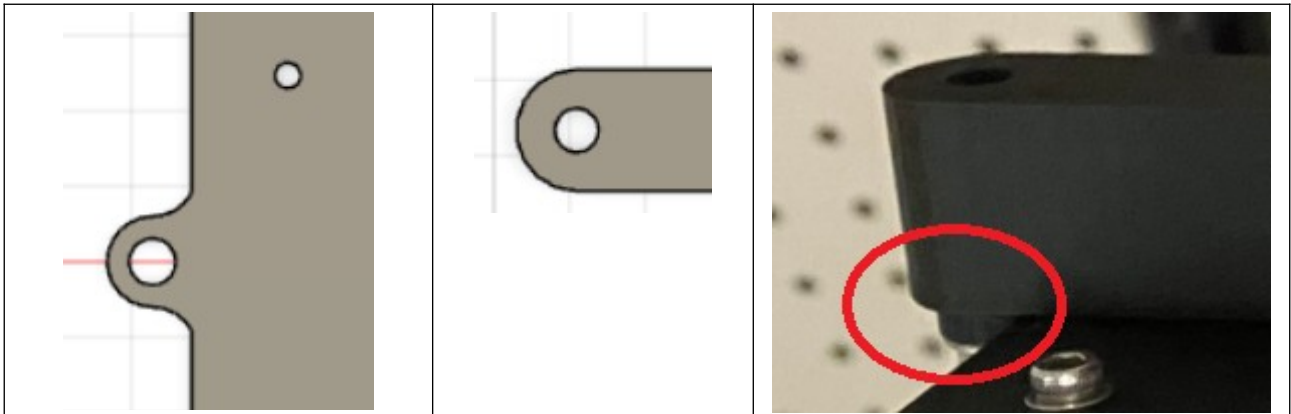
Since the camera is rounded, so should be the camera mount. Having it squared makes it ugly



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

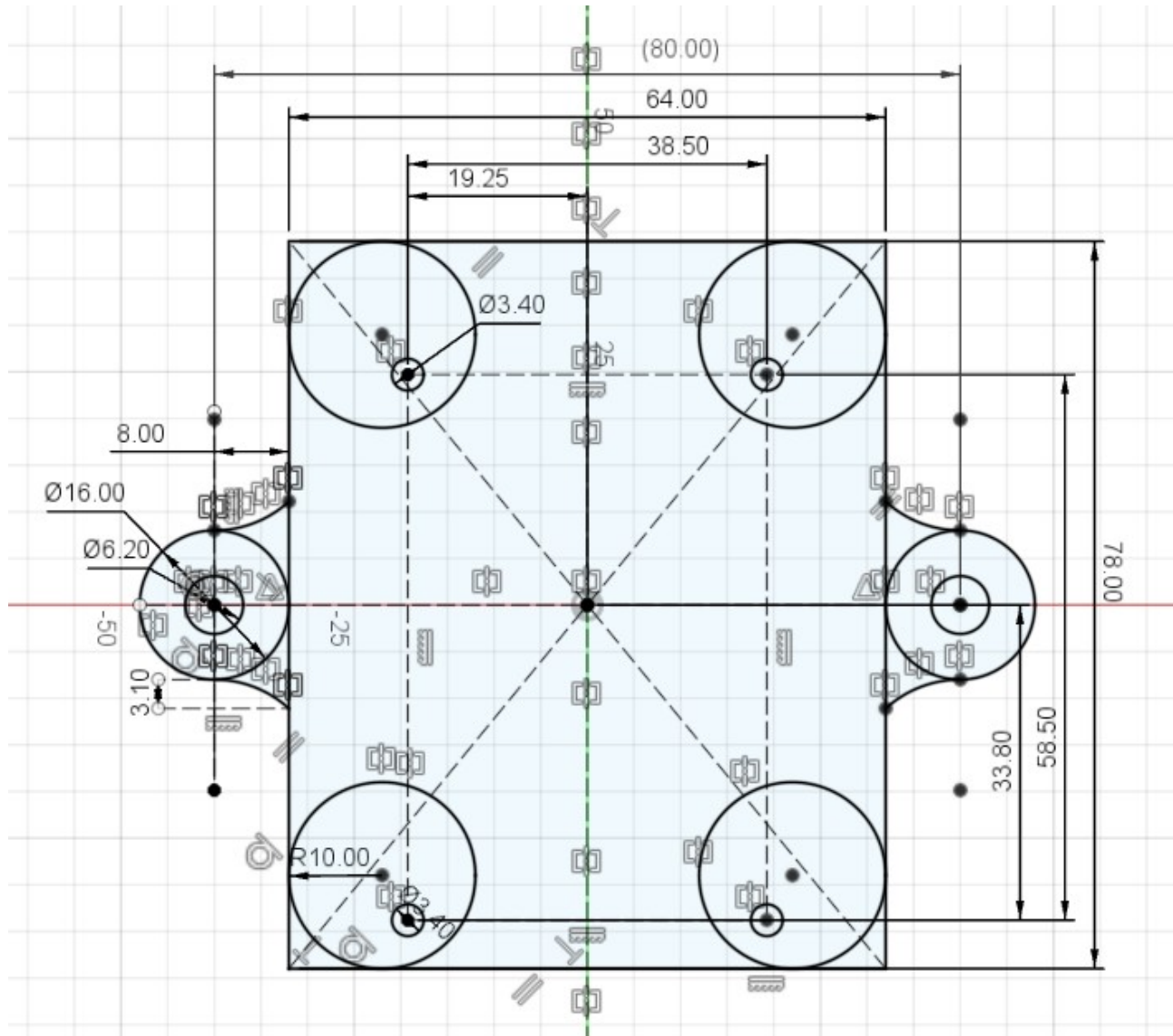


Multi Camera mount (3 cameras 1 Clamp) 2.0

Improvements: better alignment of the beam and the mounting plate

Rounded mounting plates (10 mm radius)

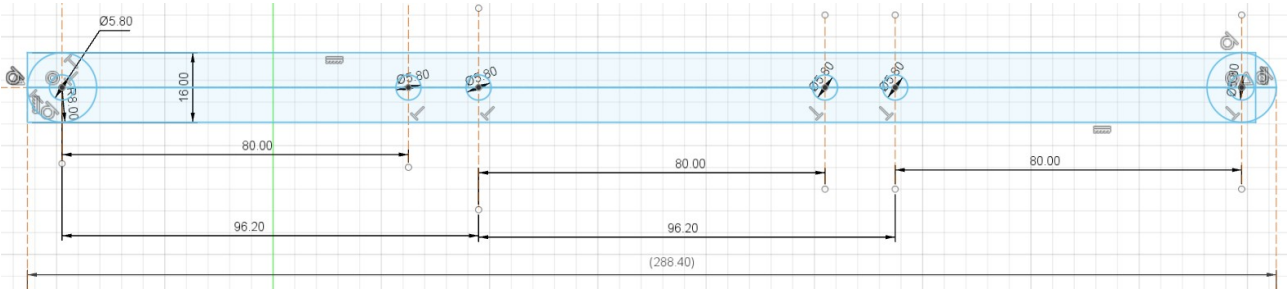
Mounting Plate



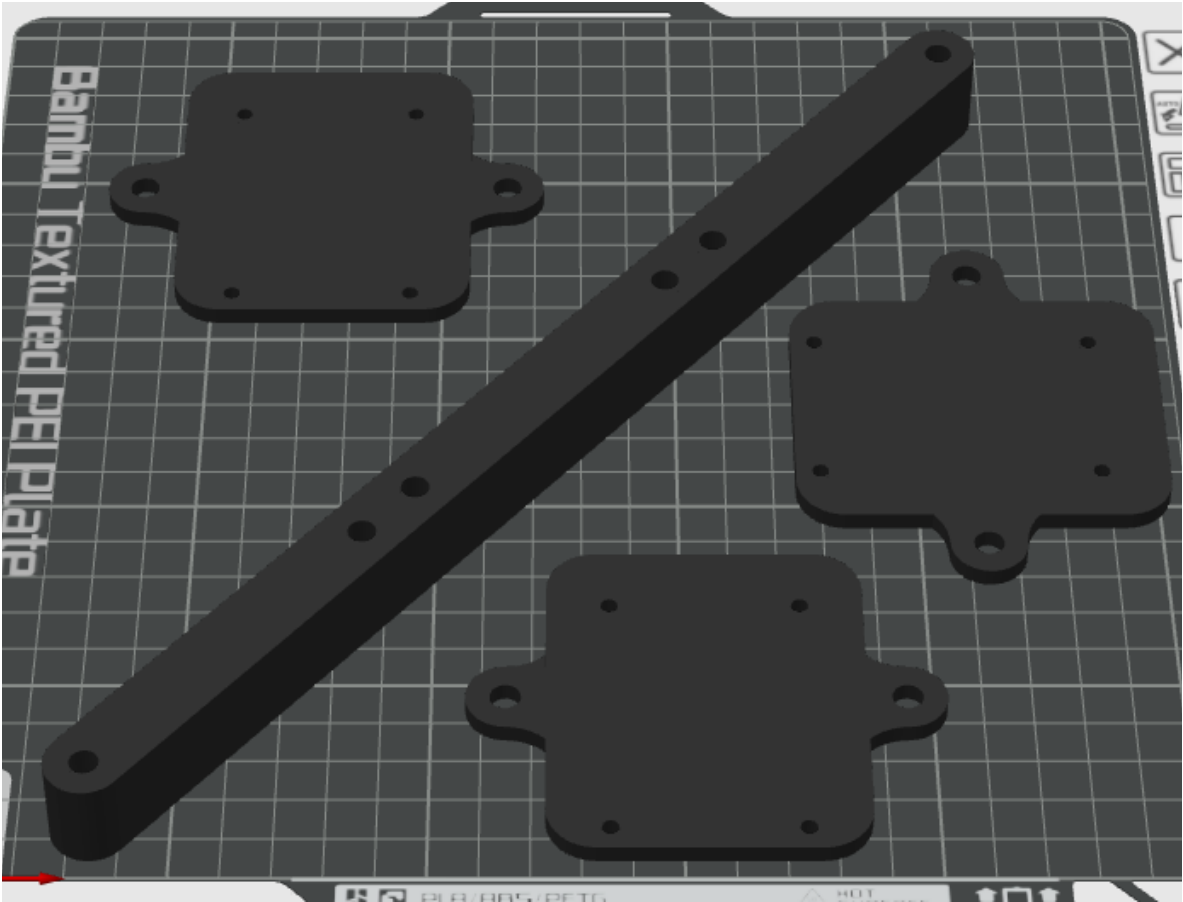
Support Beam

Total length: 288,40 mm

Camera distance: 96,20 mm



Printing layout



Final result (2.0)