

# Antenna Positioners | 1 to 3 Axis Antenna Positioners | $\pm 0.05^\circ$ Position Accuracy | $\pm 0.05^\circ$ Repeatability | $\pm 0.1^\circ$ Resolution | $>5\text{kg}$ DUT Weight

Prices starting from £9.5k

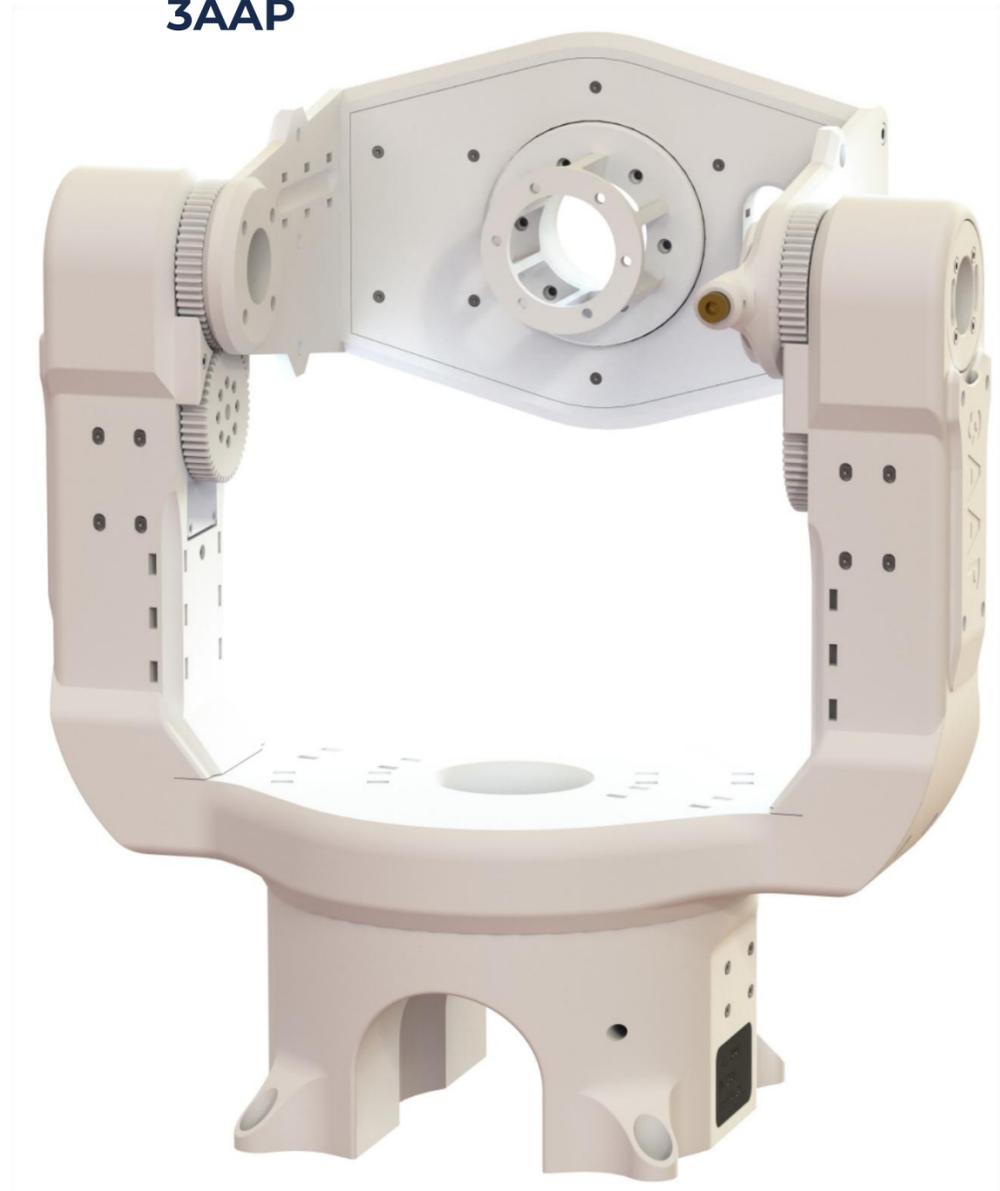
**1AAP**



**2AAP**



**3AAP**



Custom DUT Mounting brackets can be designed and manufactured for you.

Laser Pointer for easy alignment.

Rotary joint options up to 40GHz or 92GHz available on request for additional charge.

### Applications

- Antenna characterization
- 5G & phased arrays

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<sup>1</sup> diameter from centre of Boresight Axis  
<sup>2</sup> From axis plate to centre of axis

	1AAP	2AAP	3AAP
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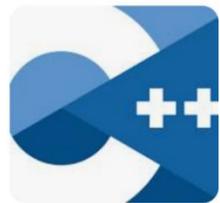
Max DUT Width <sup>1</sup>	N/A	240mm	180mm
Max DUT Depth <sup>2</sup>	120mm	140mm	100mm
Max DUT Weight	20kg	10kg	5kg
Azimuth Resolution	0.01°	0.01°	0.01°
Azimuth Accuracy/Repeatability	$\pm 0.05^\circ$	$\pm 0.05^\circ$	$\pm 0.05^\circ$
Elevation Resolution	N/A	N/A	0.01°
Elevation Accuracy/Repeatability	N/A	N/A	$\pm 0.05^\circ$
Boresight Resolution	N/A	0.01°	0.01°
Boresight Accuracy/Repeatability	N/A	$\pm 0.05^\circ$	$\pm 0.05^\circ$
Measurement Height	125/250mm	300mm	350mm
Integrated Motor Control Board	Yes	Yes	Yes
Power Input	24V, 3A	24V, 4.5A	24V, 6A
Operating Environment	0°C to 40°C	0°C to 40°C	0°C to 40°C
Manufacturer Warranty	1 Year	1 Year	1 Year

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## Software

Our software suite seamlessly integrates with any of our positioners, providing a powerful and user-friendly interface for configuring and controlling the system.

Compatible with C, LabView, and MATLAB, the software allows for effortless automation of complex tasks and real-time data acquisition. Users can set up measurement configurations through an intuitive dashboard.



**MATLAB**  
Programming language



### Control

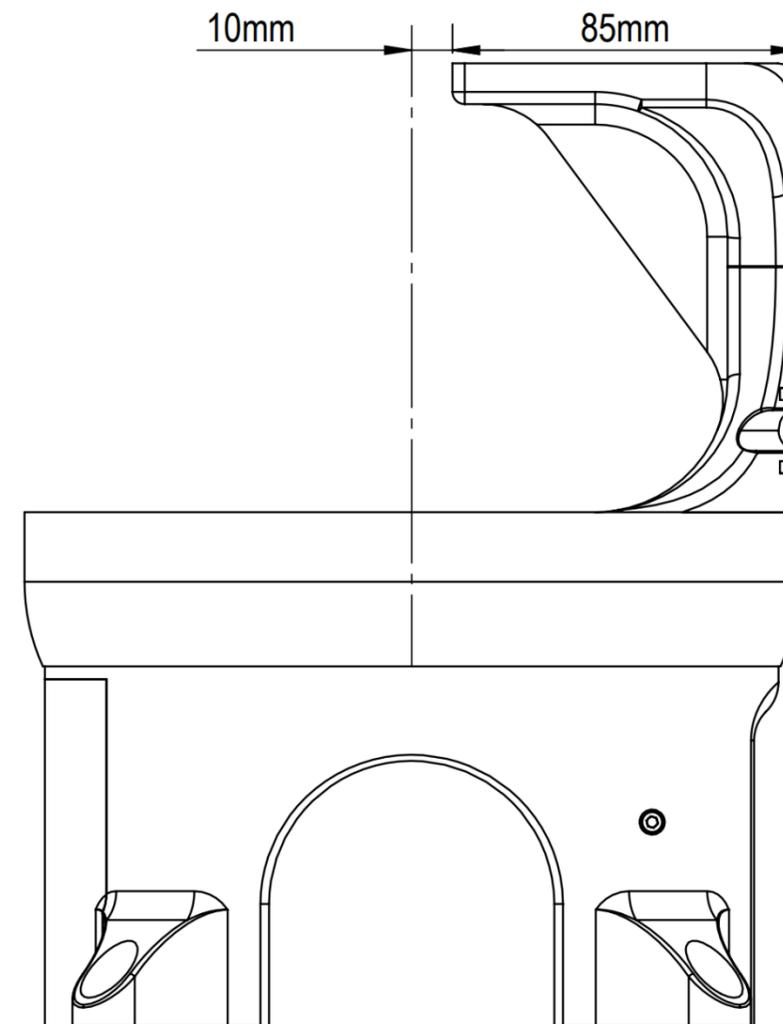
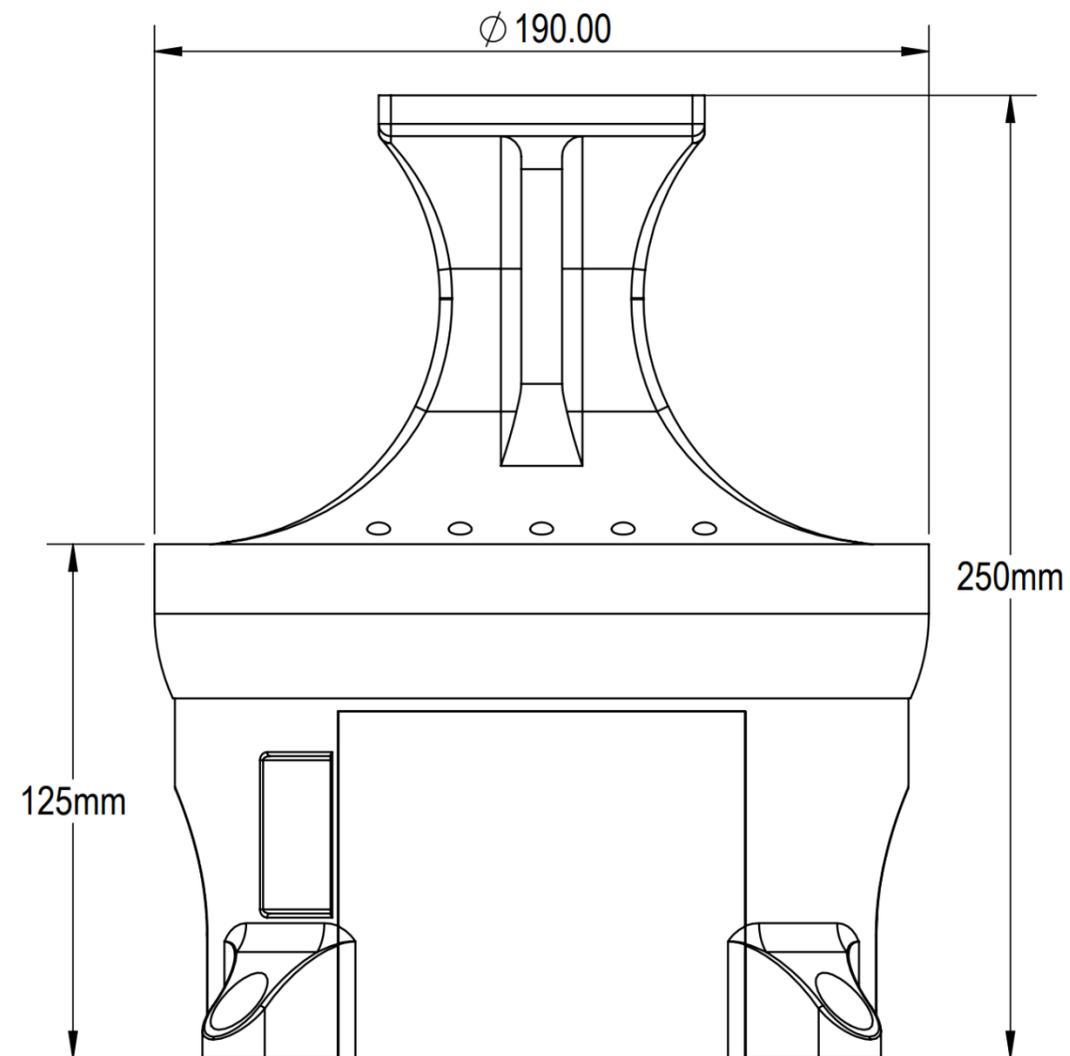
- Programmable and versatile
- Easy to use
- Compatible with LabVIEW, Matlab, C and all other environments
- USB interface
- External and Internal trigger with programmable switch sequences

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# 1AAP

## Dimensions

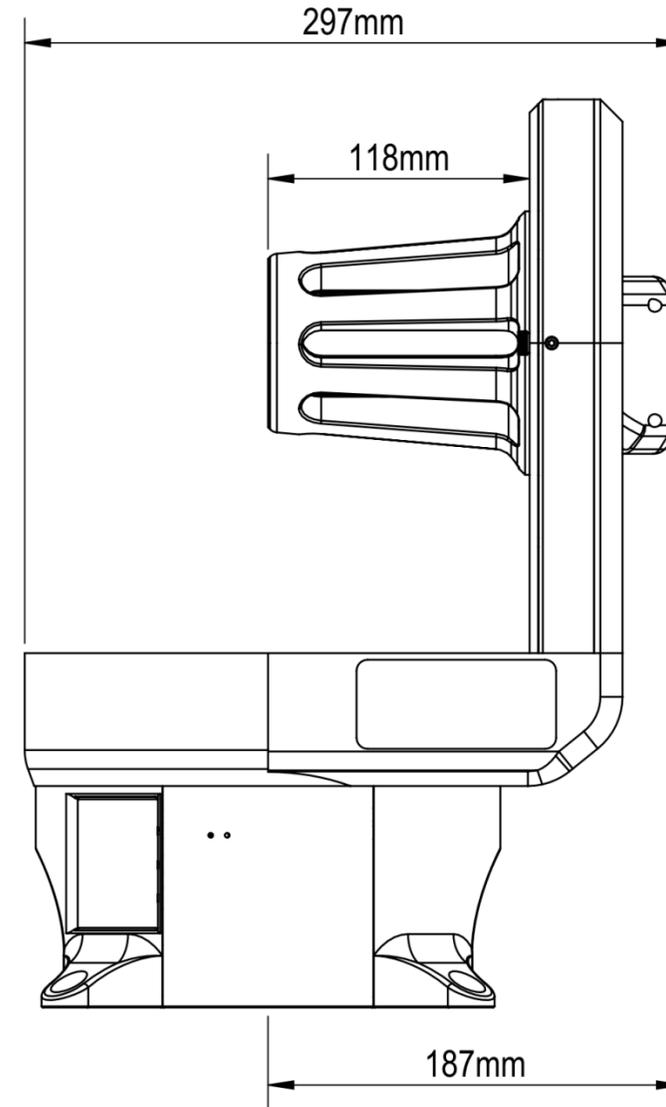
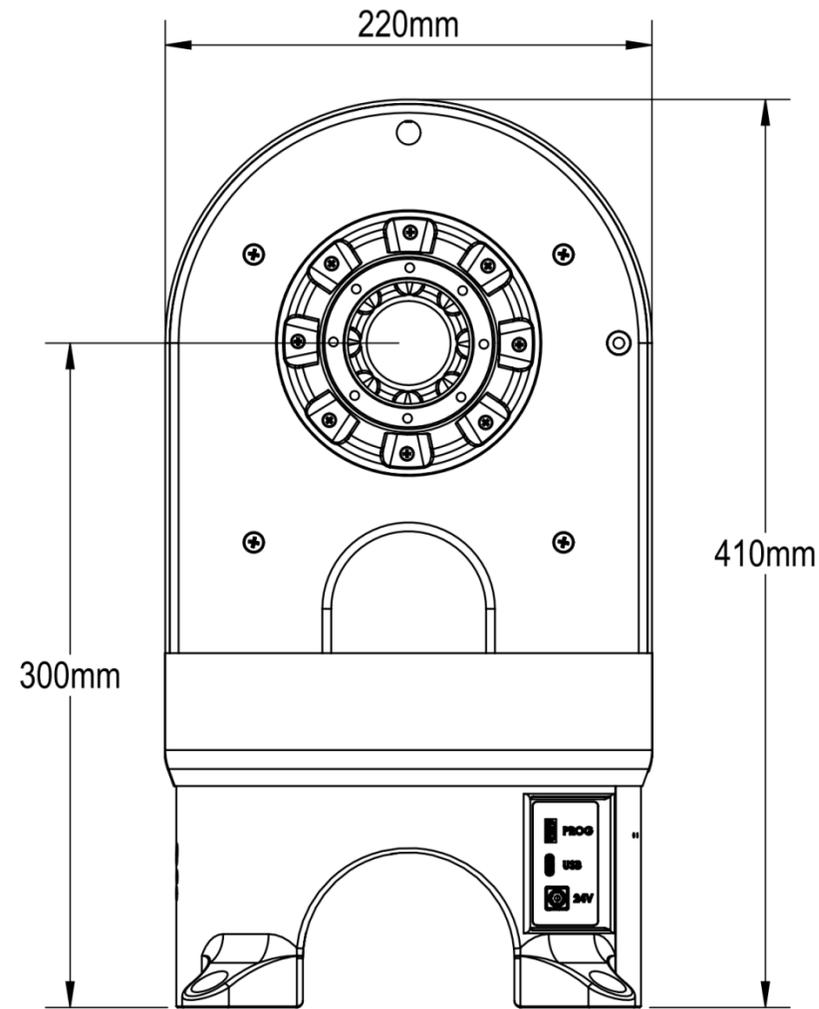


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# 2AAP

## Dimensions

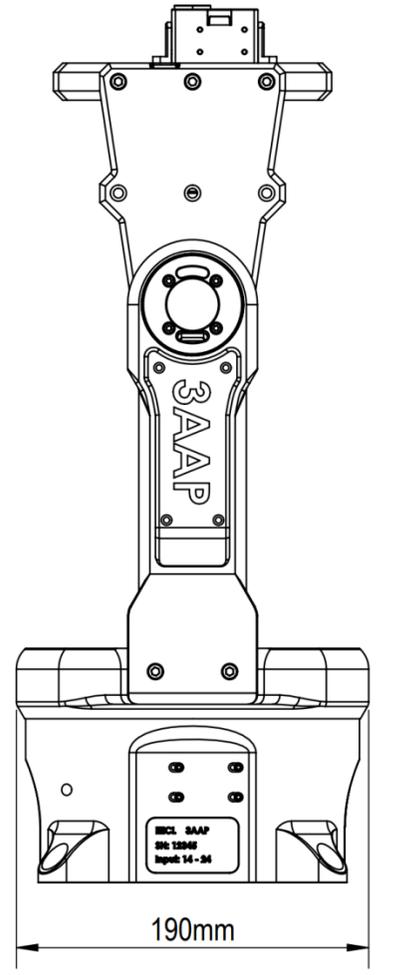
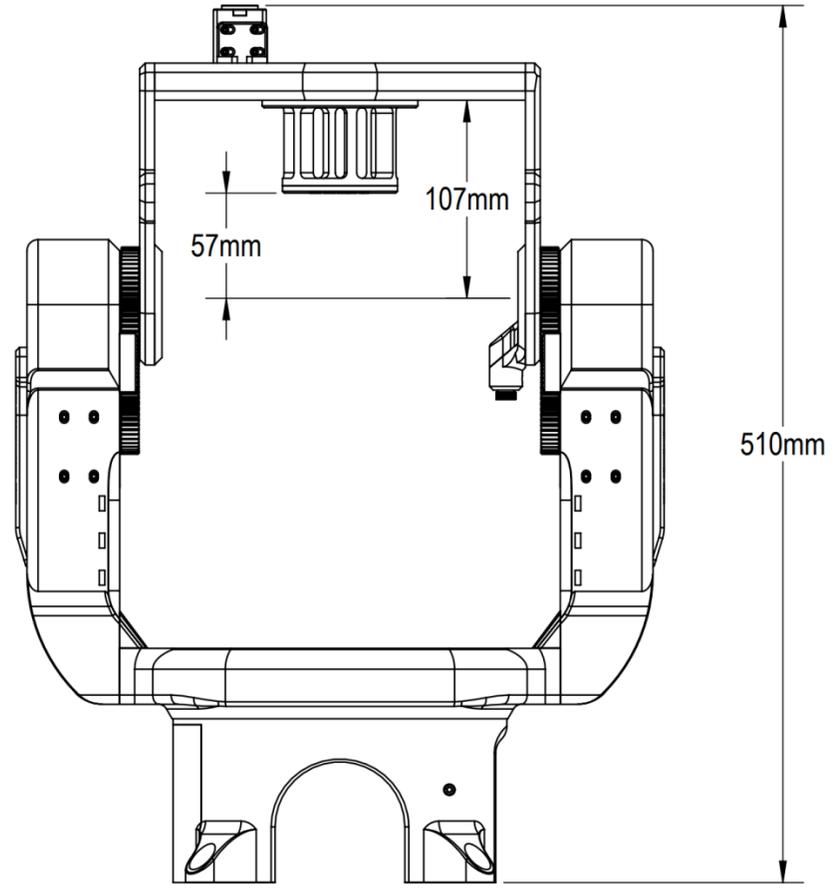
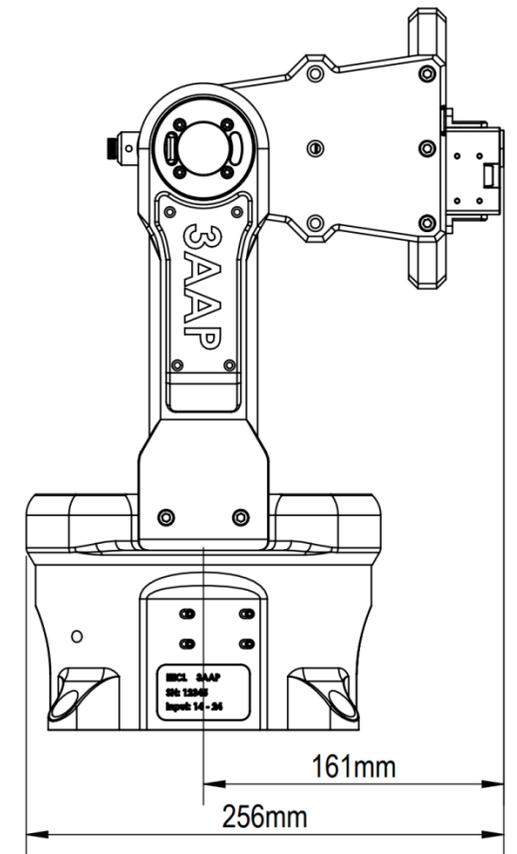
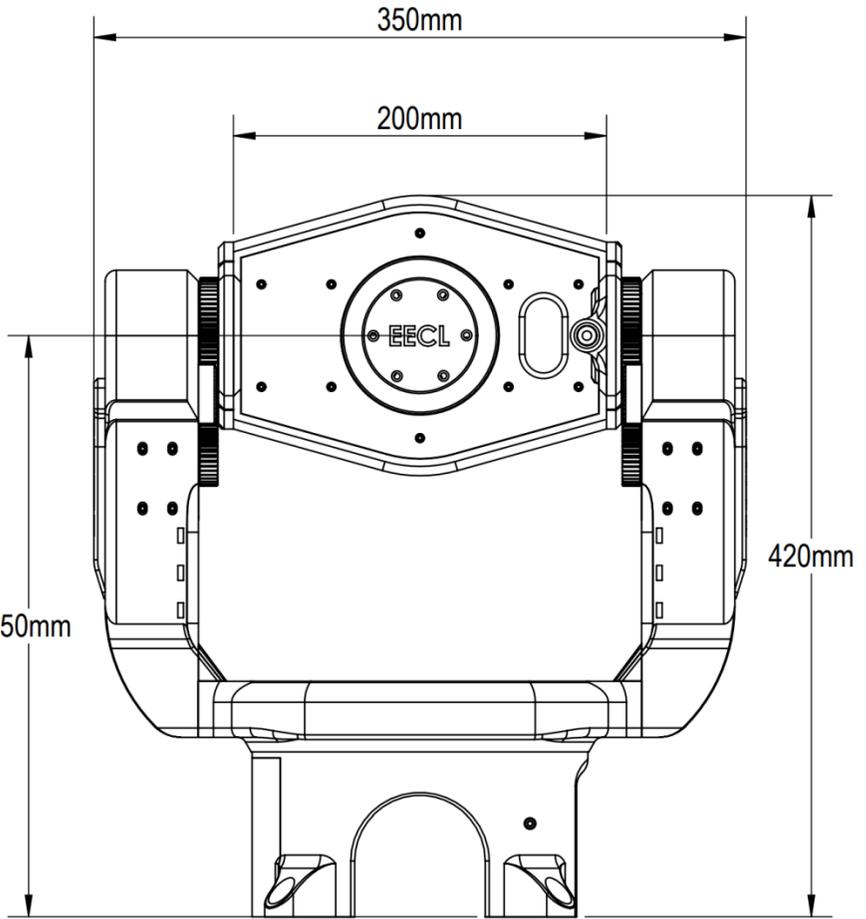


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# 3AAP

## Dimensions



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## Mounting Points

