



Euclid

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EU-20 Light One

The Light one single axis positioner is light weight, rigid Azimuth positioner.

Azimuth axis has adjustable range, up to 320 degrees.

Low power consumption and automatic brake to set the axis in place.

The Light one can be modified according to customer requirements including the unit interfaces and software communications.

The Light one positioner can also be supplied with external Euclid's Tracking Controller (MCU) to provide progressive control modes and target's tracking algorithms.

Euclid offers the Light one positioner in two configuration for two loads and torques requirements.



KEY FEATURES

- > EII: Euclid Intuitive Integration for easy
- > Single axis Positioner
- > Ethernet and Serial communication
- > Qualifying for harsh environment
- > 360° Continuous azimuth travel
- > Supplied with Euclid's MCU Unit

EU-20 Light One



Specifications

Parameter	EU-20 Light One	EU-20 XT Light One
Payload	8 Kg / 18 Lbs	10 Kg / 22 Lbs
Max. Operation torque	16 Nm / 12 Lb Ft	32 Nm / 24 Lb Ft
Weight	2.5 Kg / 5.5 Lbs	
Pointing accuracy	< 0.5°	
Control resolution	< 0.05°	
Dimensions	90 mm upper interface, 126 mm lower interface, 240 mm Hight	
Azimuth travel	320°	
Speed	1-10 deg/sec	
Brake	Axis brake while no power supply	
Operating voltage	24 VDC (22-27V)	24 VDC (18-30V)
Operating current	Up to 2 Amp	Up to 2.8 Amp
Standby current	0.04 Amp	
Control	Direct control over position/speed/torque closed loops / optional via internal MCU (high-level ETH protocol)	
Operating temperature	-10 - 60°C / optional: -30 - 60°C	
Storage temperature	-30 - 70°C	
Environment sealing	IP 66	