



Euclid

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EU-4 Mini

The EU-4 MINI dual axis positioner is the EU-3 MICRO "bigger brother", which provides an enhanced control interface and torque resistance, with just a minor increase in weight and dimensions.

The MINI positioner includes advanced motion drivers for each axis, which can be interfaced via RS-232 or CAN 2.0.

The MINI positioner DC brushless motors offers a more accurate pointing performance along with an enhanced 4Nm torque resistance capability.

The MINI positioner can also be supplied with Euclid's Tracking Controller (MCU), connected externally to provide progressive control modes and target's tracking algorithms.



KEY FEATURES

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

EU-4 Mini



Specifications

Parameter	EU-4 Mini
Payload	6 Kg / 13.2 Lbs
Max. Operation torque	4 Nm / 2.95 Lb Ft
Weight	1.5 Kg / 3.3 Lbs
Gear transmission ratio	1 : 246
Pointing accuracy	< 1°
Control resolution	0.001°
Dimensions	177 x 140 x 123mm / 7 x 5.5 x 4.85 inch
Elevation travel range	-96 to 58 Degrees ("zero" angle @ top, adjustable Limits)
Azimuth travel	345°
Speed	up to 70°/Sec
Operating voltage (Nom.)	28 VDC (26 – 30V)
Control	Via external MCU (high-level ETH protocol) or direct control over position/speed/torque closed loops
Operating temperature	-20 - 60°C
Storage temperature	-30 - 70°C
Environment sealing	IP 65
Internal protection	Over/Under-voltage, Over-temperature, Over-current, I2t, Short-circuit