



Euclid

SYSTEM ENGINEERING LTD

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EU-50 Security

The SECURITY Pedestal is a low profile, high performance Elevation over Azimuth Unit.

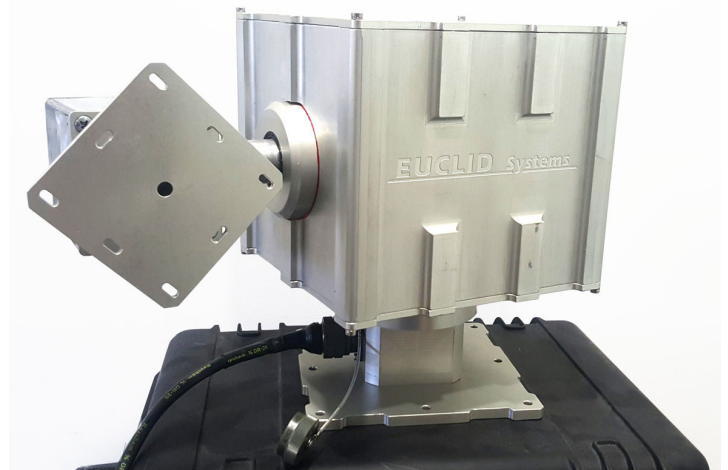
Rotary Joint is optional.

Azimuth continues rotation using slip-rings with Ethernet, Signals & Power lines that continues directly to side mount cameras or other equipment.

Adjustable Elevation travel range is between -5 to 185 degrees.

High stiffness and very low backlash with payload in motion.

Easy to integrate with other system devices.



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-50 Security



Specifications

Parameter	EU-50 Security
Payload	Top Mount 15 Kg / 33 Lbs Side Mount 10 Kg / 22 Lbs on each side
Operation torque	50 Nm / 37 Lb Ft
Weight	8.5 Kg / 19 Lbs
Backlash	0.05° / Optional 0.02°
Control resolution	0.005° / Optional 0.00125°
Dimensions	220 x 170 x 263 mm / 8.7 x 6.7 x 10.4 inch
Elevation travel range	-5 to 185 Degrees (Adjustable Limits)
Azimuth travel	360° continues
Slip Ring Signals(golden)	Ethernet line, 8 signals @ 2A & 2 Power @ 10 A. / Optional: Rotary Joint
Speed	up to 60 degrees/second
Operating Voltage	24 Volt (18-30 VDC) / optional: 12-80 VDC
Communication	Ethernet or RS 232
Operating Temperature:	-15 - 60 °C / optional: -30 - 60°C
Storage Temperature	-30 - 70 °C
Environment sealing	IP 67
Internal Protection	Over & under-voltage, temperature over 75 °, I2t, short circuit, earth fault