



Euclid

SYSTEM ENGINEERING LTD

Contact us for more info:

www.euclid-eng.com

info@euclid-eng.com

Sales: +972-54-4618480

Office: +972-9-7654842

EU-70 Compact XTR

This Euclid Mid-range Elevation over Azimuth positioner

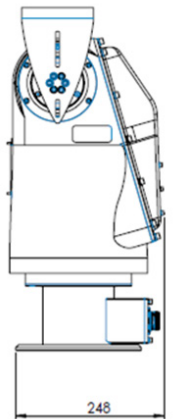
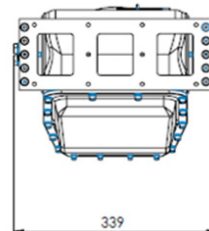
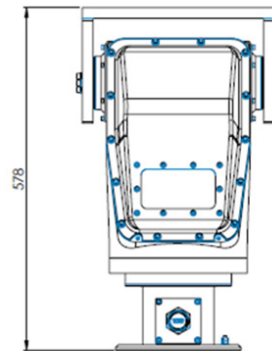
The Compact XT dual axis positioner is a heavy-duty Elevation over Azimuth unit.

Azimuth axis has continuous rotation using slip-rings with Ethernet, Signals & Power lines.

The Compact XT has high stiffness and low backlash with a payload in motion, and it is easy to integrate with other systems modules.

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

The Compact XT positioner can also be supplied with Euclid's built-in Tracking Controller Unit (MCU) to provide progressive



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-70 Compact XTR



Specifications

Parameter	EU-70 Compact XTR
Payload	90 Kg
Continuous operation torque EL/AZ	130 / 100 Nm
Peak operation torque EL/AZ	200 / 130 Nm
Weight	31 Kg
Pointing accuracy	< 0.016°
Control resolution	0.0005°
Dimensions	530 (578) x 339 x 250 mm / 20.9 x 13.3 x 9.8 inch
Elevation travel range	-7 to 50 Degrees (Adjustable Limits)
Azimuth travel	360° continuous
Slip ring signals (golden)	6 Power (30 Amp) + 36 Signals (2A) including Ethernet Communications
Speed EL/AZ	25 / 45 Deg/sec
Operating voltage	24VDC (18-30V) / optional: 12-80 VDC
Communication	RS 232 / Optional : RS 485 & CanOpen or ETH / Optional: Euclid MCU with logics and Tracking abilities
Operating temperature	-10 - 60°C / optional: -30 - 60°C
Storage temperature	-30 - 70 °C
Environment sealing	IP 67
Internal protection	Over/Under-voltage, Over-temperature, Over-current, I2t, Short-circuit