

Serval 250

PAN & TILT SYSTEM General Specification



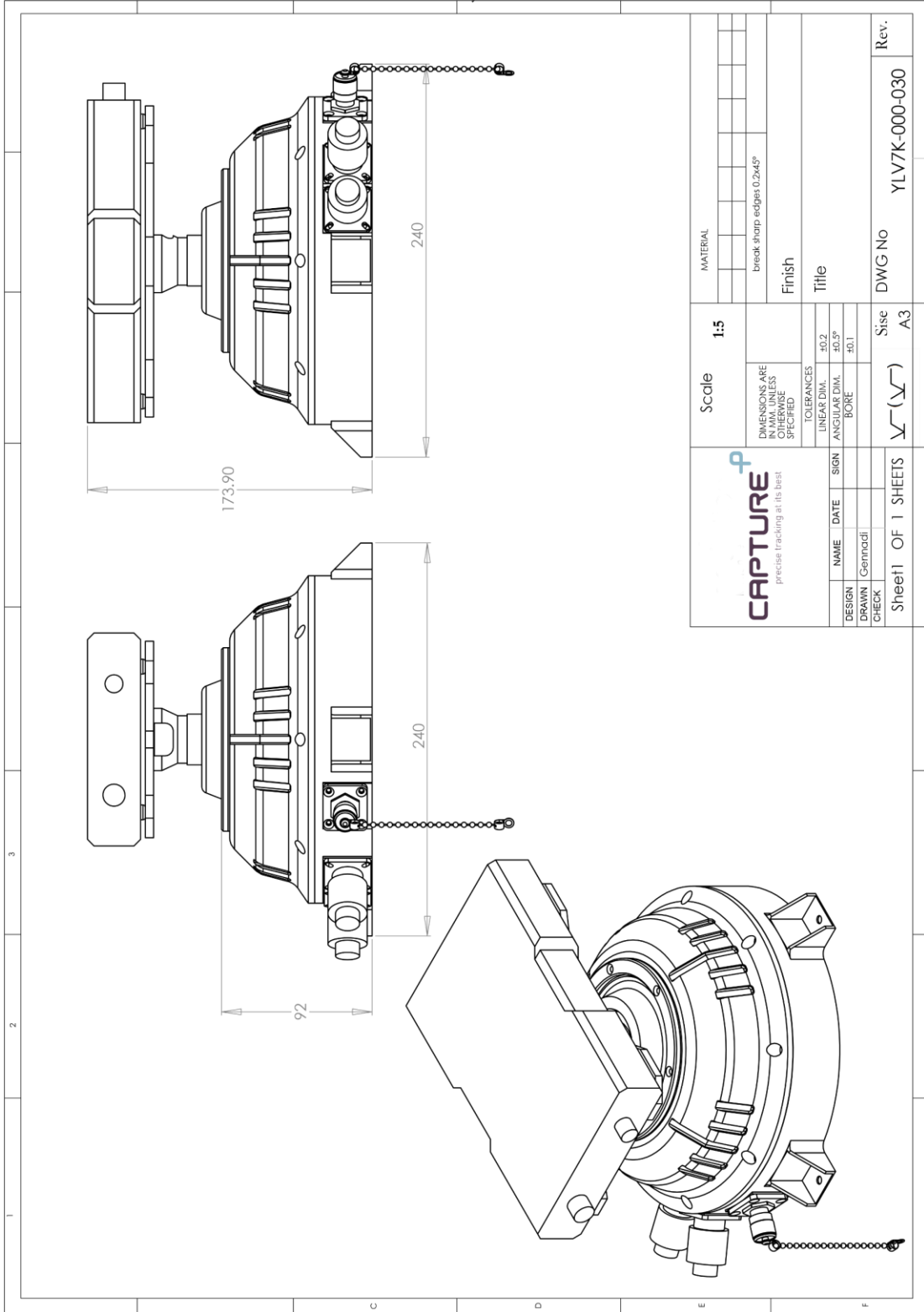
Product Line	Serval 250
Payload Type	Antenna
Self-Weight (kg)	
Azimuth / Pan movement	Option
Elevation / Tilt movement	45 -135, 90 = Center
Control mode	SPD \ POS
Communication	RS-232 / Ethernet TCP
Environmental protection	IP 65
Version Type	Option GNSS-GPS
Power consumption [V] [A]	24/ 48 v (4A Max 1.2 pre axis)
max Payload (balanced) [kg]	Up to 3 kg (balanced and centered)
Max Acceleration [°/Sec ²]	90 (TBD - need to be test with load)
Speed (balanced) [°/Sec]	60(TBD- need to be test with load)
Position Accuracy [°]	0.3°
Resolution [°]	0.01°
<u>Optional only</u> - Stabilization systems	
Stabilization Accuracy [°]	0.5°
Stabilization Sensor	IMU


(*) Payload dependent

(**) mechanics & power dependent

(***) mass, balance & power dependent

Serval 250 PAN & TILT SYSTEM, MICD



 precise tracking at its best		Scale		1:5	
		DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED		MATERIAL break sharp edges 0.2x45°	
TOLERANCES LINEAR DIM. ±0.2 ANGULAR DIM. ±0.5° BORE ±0.1		Finish		Title	
DESIGN	NAME	DATE	SIGN	DWG No	
DRAWN	Gennadi			YLV7K-000-030	
CHECK				Sisc	
Sheet 1 OF 1 SHEETS			A3		Rev.