RADAR PEDESTAL (ANTI DRONE SYSTEM)

MODEL - DYN- RAP-01-001

SI.NO	PARAMETERS	SPECIFICATIONS
1	Type of Pedestal	Single Axis Radar Pedestal, Electro Mechanical
2	Power	28V DC ±10%, 75A max.
3	Slip Ring	Yes. FIM
4	Wind load	Operational: 80 kmph, Survival: 120 kmph
5	Rotational Speed	20 rpm
6	Position Accuracy	0.1°
7	Readout Accuracy	0.1°
8	Hysteresis	Zero
9	Payload Capacity:	130 kgs
10	Unit Weight	60 kgs
11	Interface	RS422
12	Transportation Lock	Yes, Manual
13	Built Material	High Strength AL Alloy with suitable grade SS fasteners
14	Sealing	IP65
15	Power Consumption	≤ 1000 Watts
16	Application	Military Vehicle, Ship
17	Rotational Speed	20 Rpm
18	Dimension	500 x 400 x 600mm
19	Construction	Hight Precision Motors with Harmonic Drive, Encoders Slew Ring and Electronics Drives
20	Environmental requirements	Environmental specification based on JSS-55555 Operational temperature: -20°C to 55° C Storage Temperature: -30° to 70°C Damp Heat :99% RH @40°C Salt fog: According to JSS-55555 Vibration: According JSS-55555 Shock: according to JSS-55555 EMC/EMI: According to MIL-STD-461E

