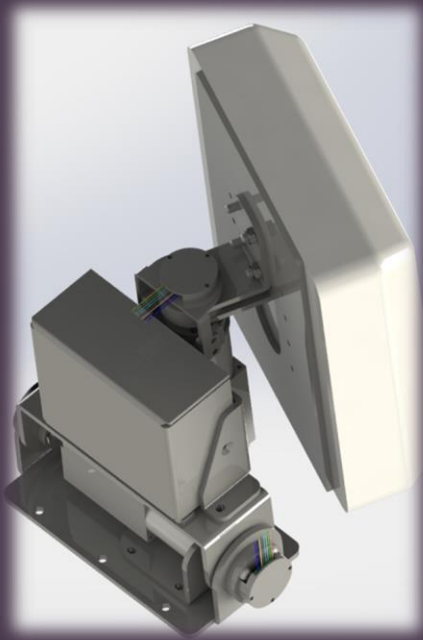


ONCILLA PAN & TILT SYSTEM

A Small and light weight pedestal designated for interception applications.

The Oncilla is a miniature Pan & Tilt system, suitable especially for light weight payloads, making it perfect for antennas and cellular interception.



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ONCILLA PAN & TILT SYSTEM, General Specification

Product Line: SERVAL	
Type	T- Shape
Payload Type	Antenna / Satellite
Azimuth / Pan movement	Up to $\pm 90^\circ$
Elevation / Tilt movement	Up to $\pm 90^\circ$
Self-Weight [kg]	~3
Control mode	Speed / Position
Communication	Ethernet TCP / RS232 / RS422
Environmental protection	Indoor
Power consumption [V] [A]	24V & 4Amp
max Payload (balanced) [kg]	4
Max Acceleration [$^\circ$ /Sec ²]	100
Speed (balanced) [$^\circ$ /Sec]	0.1-25
Position Accuracy [$^\circ$]	± 0.1
Position Sensor Encoder	Incremental
Resolution [$^\circ$]	0.0007
Stabilization systems	
Stabilization Accuracy [$^\circ$]	-
Stabilization Sensor	-
Tracker systems	
GPS Stabilization by Datum point	-
GPS Units	-

(*) Payload dependent

(**) mechanics & power dependent

(***) mass, balance & power dependent

SERVAL PAN & TILT SYSTEM, GUI Pannell

Parameter	Specification	Notes
Communication	Ethernet (TCP)	
Operation mode	Manual	
Control mode	Speed / Position	
Operation	Manual arrows controlled by user	
Presets	Up to 15 saved points	
Register Status	Online state of system registers	
Software limit switches	User defined software limit switches for both axes	
Homing	Homing position declaration	
IP Setting	Ability changing system IP addresses & port	

ONCILLA PAN & TILT SYSTEM, MICD

