JISNU

Portable Pedestal

Model No: JC-SC-PED11

Land Air Marine

Jisnu's PED 11 series of pedestals is a dual axis, light weight and mostly used for line-of-sight applications carrying a payload up to 15 Kg's. This system work on Elevation over Azimuth principle providing high performance even in the most extreme operational environments.

The highlight of this portable pedestal is that the antenna controller is built into the pedestal thereby enabling the user to control the motion by connecting to a Desktop PC / Laptop in plug and play configuration

Applications

- Point to Point Communication
- Point to Multipoint Communication
- Multipoint to Point Communication

Features

- Single and dual axis rotation
- Closed Loop system
- MIL-STD- 416E & JSS-55555 compliant
- MSQAA Certified
- Built in ACU
- Portable light weight
- Plug and Play

MADE IN INDIA

Technical Specifications

Functional		
Motion	2 Axis – Elevation over Azimuth	
	Azimuth	**Elevation**
Travel Range	-210° to +210°	-5° to +95°
Soft Limits (Programmable)	CCW -210° & CW +210°	DN-5° & UP+95°
Electrical Limits	CCW -213° & CW +213°	DN-8° & UP +98°
Mechanical Limits	CCW -217° & CW +217°	DN -13° & UP +102°
Velocity	2°/s to 40°/s in steps of 1°/s Angle	
Pointing Resolution	0.01°	
Pointing Accuracy	± 0.1°	
Interface	Ethernet and FO	
Motors	DC motors for Az & El	
Controller(ACU)	Built-in pedestal	
GPS	LAT & LON position through inbuilt GPS receiver	
Compass	True North alignment	
Maintenance	Through Handheld Unit	
Pay Load	15 Kgs	
ACU	GUI loaded in Laptop for Monitor & Control	
Operating Modes	Standby, Point Track - Manual & remote, Manual Mode, GPS Track	
Operating System	Windows / Linux Selectable	
Rotary Joint	Optional	
Electrical		
Power Input	48V DC/16A and 15V DC/5A	
Mechanical		
Pedestal Weight	≤ 30 Kg excluding payload	
Size	540mm H X 280mm W X 175mm D	
Environmental		
Temperature		
Operating	-20° C to +65° C	
Storage	-30° C to +70° C	
Wind		
Operating	80 Kmph	
Storage	100 kmph	
Humidity	90% RH Non-Condensing	
Environmental Compliance	JSS-55555	
EMI/EMC Compliance	MIL-STD-461E	

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