

Mass Manufacturer of Satellite Buses, Subsystems & Payloads

Modular Satellite Buses for your Versatile Payloads



AFR

Bus: **Azista 100**

Payload:

Electro Optical Imaging, MS

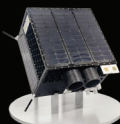
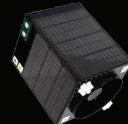
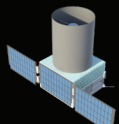
Particulars:

4.6m Resolution, 70km Swath

Orbit: **550km(Nom), SSO**

Satellite Mass: **80kg**

Launched on 13th June 2023

Payload Specifications	 AZISTA 100	 Azista 100-HP	 AZISTA 200
Payload Mass	Upto 80 kgs	Upto 135 kgs	Upto 250 kgs
Payload Envelope	500 x 481 x 550 mm ³	650 x 650 x 600 mm ³	1300 x 950 x 950 mm ³
Peak Power Available for Payload (10 minutes)*	100W	500W	1100W (Expandable upto 3000W)
Payload Types	EO / RADAR / IoT / RF / Comms / Hosted Payloads		

*Power systems can be customized as per the payload requirements

" Please reach out to us for further information - contactus@azistaindustries.com "

Our Expertise

- Automated and Scalable Manufacturing.
- 70% of the Sub-systems Made in-house.
- Geared to Mass Manufacture Satellites from 1U to 200kg Class.
- Hosted Payload Services.
- Build-to-Print and Build-to-Spec Services.

Heritage and Manufacturing at Scale

- Space Heritage and Experience of participating in 75+ missions.
- 150+ Scientists and Engineers.
- 50,000sq. ft. of manufacturing facilities.

The Facility

- Asia's first private satellite factory located in Ahmedabad, India. This facility can cater design, development, manufacturing, testing and qualification of all space systems under a single roof.
- Annual production capacity of 100 satellites/year.

State-of-the-art Infrastructure

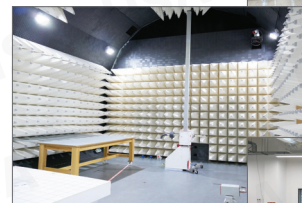
- Vibration Shaker: 1 Ton, 2.5 Ton and 6 Ton
- Thermo-Vacuum Chamber: Temperature Range -190°C to +150°C; 0.5m, 1m and 2m Class
- EMI - EMC Semi Anechoic Chamber (MIL-STD-461G)
- Climatic Chamber
- Additive Manufacturing Facility
- Helmholtz cage HIL Test Facility
- Satellite Bus System Production Facility
- Wheel Balancing Facility
- ADCS Integration and Test Facility
- Disassembled Mode Integrated Test: 3 Facilities
- Satellite AIT: 6 Facilities
- Optical Payload Test: 2 Facilities
- Satellite Final Autonomous Test: 2 Facilities
- Post production Satellite Storage Facility
- Basic Machine Shop



Facility



Testing Facility



EMI - EMC Facility



TVAC Facility



Climatic chamber



Vibration Test Facility



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