

Advance Mechanical Services Private limited



AMS-India is an Organization established in Bangalore to cater to the increasing needs of the Automation, Additive manufacturing and the IOT industry.

The Organization has the infrastructure to deliver quality design services to various customers locally as well as globally. The company has 3 design offices in Bangalore located in Shivajinagar and Peenya with a capacity of 140 design seats. It has regional sales offices across 9 cities in India in addition to offices at Germany and USA.

The Organization has recruited competent Engineers with good background in the field of Mechanical / Electrical design and procured state of the art software and hardware backed up by efficient communication facilities to undertake assignments related to design of Robotic cells, Special purpose machines, fixtures & tooling and other specific requirements of the Robot based automation industry.

With a vision to develop state of the Art Drone for surveillance applications, the company has developed a special drone named PiDrone-3000 with a payload capacity of 5 Kgs and with 40 mins endurance. It has capability to house RGB, Multi spectral, SAR, Hyperspectral and Thermal Cameras.

PI DRONE



Our state-of-the-art drone surveillance system provides comprehensive security monitoring with advanced threat detection capabilities

MISSION PLANNER

- Remote Control of Cameras
- Pilot Authorization Live Video
- Live Video Feed
- Video processing using AI

- Automatic Data Logging
- Flight Management
- Drone Health Monitoring
- Quantum keys encryption

KEY FEATURES

- Real-Time Threat Detection
- Advanced computer vision analytics
- Instant alert generation
- Automatic threat classification
- Continuous monitoring capability

- 10 Kgs
- 40 Mins Endurance
- Single Pilot Operation
- No internet required
- AI for monitoring Threats

CONTACT US
7338554030
sales@ams-india.co.in
www.ams-india.co.in





Technical Specifications

1. UAV Parameters		2. Ground Control Station	
S. No.	Specifications	S. No.	Specifications
1.	UAV Type	1.	Weight
2.	Operational Endurance	2.	Dimension
3.	Wind Resistance	3.	Battery Life
4.	UAV Weight	4.	Waterproof
5.	UAV Dimension	5.	Screen
6.	Communication and Range	6.	Application
7.	Data Privacy	7.	Geo-fencing
8.	UAV Speed	8.	Communication and Range
9.	Service Ceiling	9.	Encrypted Communication
10.	Operational Altitude	10.	Transmission
11.	Multi-Payload Capability	11.	OSM SDK and Compatible
12.	Motor	12.	One Click NPNT Approval
13.	Propeller	13.	RAM and ROM
14.	UAV Frame	14.	Mission Support
15.	Battery Specifications	15.	UAV Parameters Displayed
16.	Battery Charger	16.	User Controlled Flight Functionality
17.	Operating Crew		
18.	Ingress Protection Rating		
19.	Warranty		
20.	Fail Safe Trigger		
21.	Geo-Fencing		
22.	Anti-collision Lights		
23.	Auto-Disarming Timeout		

Introduction to AMS India



For further inquiries please Contact:

Should you need any clarifications please free to contact me at

shashidhar.nc@ams-india.co.in

Mobile : +91 9845071820