

Vision Technologies

Vision technologies have indeed proven to be highly beneficial for UAV/Agricultural drones. we offer improved situational awareness, navigation capabilities, target identification, imaging, intelligence gathering, and mission capabilities.

By incorporating vision technologies, Agricultural drones can perform their tasks more effectively and efficiently, making them valuable tools in various fields. If you have any more questions, feel free to ask!



Take your
business to
the next
level....

Contact Us



Phone:
051-5400160



Email:
info@vistec.pk



Address:
Head Office: 1st Floor, Plaza
No.20 Bahira Spring North-
Commercial Phase-7, Bahira
Town, Rawalpindi – Pakistan

HM120

Specifications of HM120



Product wheelbase	1900mm
Overall dimension	1400x1400x750mm (open)
	900x800x750mm (FOLDER)
Product weight	55kg (MAX FLIGHT WEIGHT)
Industrial material	3k
Arm thickness	37x40mm
Cabinet capacity	20L
Spray width	4-6m
Operational efficiency	100 – 150
Flight control system	V9plus
Working Time	10-20 min
Pump system	4.5L
Power	7KW 130cc 7000mah 14s



Drone



Agricultural development is one of the key cooperation areas, where UAVs can work in several aspects like breeding, disease prevention and control. According to statistics, China's drone enterprises provide various services to more than 100,000 villages, towns and communities in 30 provinces, with about 250,000 plant protection drones in an area of more than 800 billion SQM systems.

The value of the global urban air mobility market will reach 9 trillion US dollars in 2050, and China expects the drone cargo market to be around 200 billion by 2024 and 20,000 to 3 trillion RMB by 2030. To build urban low altitude airway networks to support the large-scale commercial development of UA applications, and the low-altitude economy represented by UAVs are expected to become a new engine for social and economic growth,



Agriculture Drone

Some common features of agriculture drones include:

- Imaging Sensors
- Data Analysis
- GPS and Navigation
- Real-time Monitoring
- Spraying and Seeding
- Drone Swarming
- Long Flight Time
- Durability and Weather Resistance

Why Choose Us



Vision technologies, offers such as high-resolution cameras and multispectral sensors, which enable drones to capture detailed imagery of crops from above. This data can be used to monitor crop health, detect early signs of diseases, pests, nutrient deficiencies, or water stress. Identifying these issues early on allows farmers to take timely actions to mitigate potential yield losses.

Our Best Services

There are several services of vision technologies that can greatly enhance the capabilities of agricultural drones. These technologies can help optimize crop monitoring, disease detection, yield prediction, and overall farm management. Here are some of the best services that agricultural drones can offer:

- Crop Monitoring and Mapping
- Plant Health Analysis
- Yield Prediction
- Weed Detection and Management
- Irrigation Management
- Real-Time Surveillance
- Land and Crop Surveying
- Data Analytics and Integration

