



AEROBO[®]
wing

AS-VT01

Fully automatic vertical takeoff/landing fixed wing drone

Maximum Speed: 100km/h

Maximum Flight Distance: 50km



Aerosense, Inc.

<https://aerosense.co.jp>

Aircraft name	AS-VT01
External dimensions	2130 x 1200 x 450mm (excluding propeller)
Body weight	8.54kg (including battery)
Maximum take-off weight	9.54kg
Maximum mountable load	1kg
Maximum operating time	40 minutes
Maximum flight distance	50km
Maximum speed	100km/h
Cruising speed	75km/h
Flyable wind speed	10m/s
Flight control	Automatic navigation according to flight plan or manual flight
Safety features	Automatic navigation/ manual operation switching during flight
	LED Lights (Red)/(White)/ (Green)
	Intrusion prevention setting to prohibited areas (Geofence function)
	Automatic return (If wireless disconnection, battery level is low)
Flight Controller	Automatic landing (If GPS abnormal , battery level is low)
	Dedicated in house flight controller + High performance application processor (Linux)
Sensor	GPS, IMU, CAMERA, etc.
Expansion Ports	USB, UART, etc.