

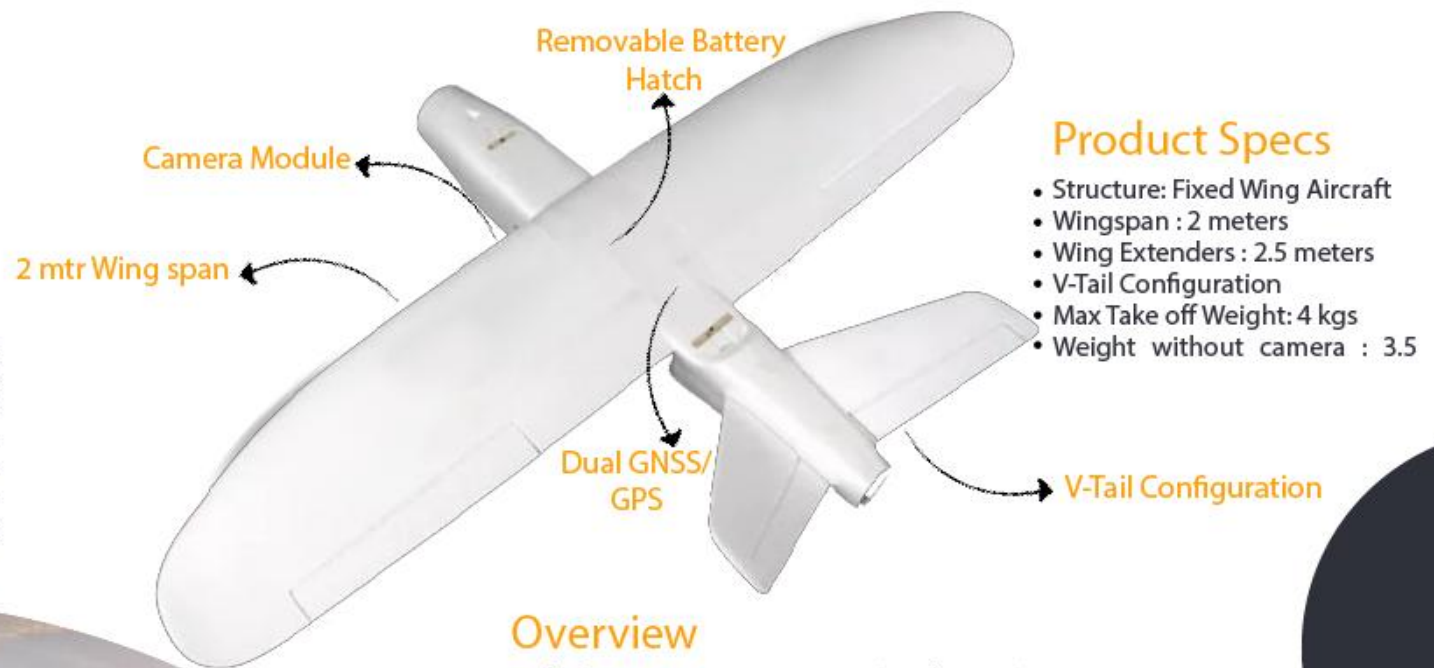
SURVEY DRONE

About

Naksh is a medium category fixed wing survey drone equipped with HD camera used for city surveillance and mapping services. This drone is built with high density thermocol material making it light weight and hence increasing its efficiency to fly for longer duration. Along with the high flight time it also possess a long operating range.



Hybrid VTOL



Product Specs

- Structure: Fixed Wing Aircraft
- Wingspan : 2 meters
- Wing Extenders : 2.5 meters
- V-Tail Configuration
- Max Take off Weight: 4 kgs
- Weight without camera : 3.5

Overview

- Flight Duration : 50 - 60 mins (in 1 battery)
- Area coverage : 3-4 sq km (in 1 battery at 120-150m height)
- Cruise Speed : 60 km/hr
- Operation Range : Upto 10 kms
- Transmitter Control Range : 500 mtr (LOS)
- 24 megapixel HD Camera
- Manual RTL in case of Low Battery

Battery Specs

- Capacity: 16000 mah/ 22000 mah
- Type: Lithium Ion
- Charging Time: 200 to 240 mins
- Life: Upto 80 cycles

Charger Specs

- Input Voltage - AC : 220-240 V
- Input Current - AC : 7 A
- Output Voltage - DC : 50.4 V
- Output Current - DC: 15 A