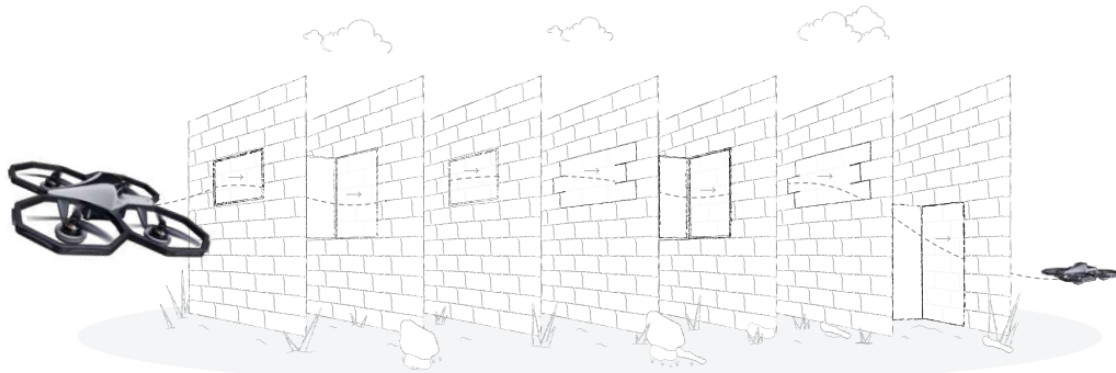


ALAKH



SUITABLE FOR OPERATIONS IN BUILT UP AREA & DISASTER RELIEF



Capable to penetrate upto **7 walls**



BACKPACKABLE



Technical Specifications

S.NO.	TECHNICAL SPECIFICATION	PARAMETER
1.	ENDURANCE	30 mins
2.	FLIGHT MODE	a) Autonomous waypoint navigation b) Altitude hold c) Hover at a dedicated/defined waypoint d) Fully autonomous take-off & landing e) Manual mode/remotely piloted for video-based user navigation
3.	ALL UP WEIGHT	< 250-300 gms
4.	CRUISE SPEED	70 km/ hr
5.	OPERATING ALTITUDE	800m AGL
6.	LAUNCH ALTITUDE	4500m AMSL
7.	RANGE	4 km
8.	WIND RESISTANCE	40 km/hr
9.	OPERATING TEMP	-10 °C to 50 ° C
10.	CAMERA	1080p HD day camera with near IR capability
11.	DATA LINK	2.4 GHz with 128-bit AES encryption
12.	USER CONTROLLED FLIGHT FUNCTIONALITY	a) Take off b) Land c) Hover d) RPV Mode
13.	ON-FLIGHT CAPTURED MODES	a) Video b) Image snapshot
14.	TECHNICAL LIFE	500 Landings
15.	FAIL SAFE FEATURES	a) Return to home on communication failure b) Return to home/land on low battery. c) Indicator on loss of UAV
16.	SYSTEM COMPONENTS	a) Radio controller