



Configuration	Quadcopter
Size (Diagonal Wheelbase)	233mm
Aircraft Weight	250g
Battery Weight	150g
AUW (All Up Weight)	400g
Maximum Horizontal Speed	12m/s
Maximum Vertical Speed	4m/s
Hover Flight Time	21minutes
Maximum Show Flight Time	15minutes
Wind Resistance*	12m/s
Positioning System	Dual Band RTK GPS
Positioning Accuracy	<30cm
Avionics	H7 Processor, 400hz, 1MB RAM, 2MB Flash, 2GB Storage
Communications	WiFi & 433mhz or 915mhz Telemetry
Operational Range	1km
Propeller Size	5"
Propulsion System	'Smart' 2s Li-ion Battery
Features	Remote On/Off, Stackable, Smart Battery System, Dual Band RTK

* Reduces max horizontal speed to 8m/s at maximum wind speed

PIXEL SPECIFICATION

Light Dynamix Ltd present the 'Pixel' lightshow drone; designed with usability in mind the Pixel UAS is a compact and stackable solution with advanced features including smart batteries for safer, easier charging and a unique remote on/off system to improve the operators workflow by allowing users to turn individual or multiple aircraft on simultaneously from the ground control station.

The dual-band RTK positioning system ensures complete accuracy and increased redundancy while also reducing survey times. Pixel is transported within a secure hardcase holding up to 12 ready-to-fly aircraft with no need for any on-site assembly.

Note: performance may be affected by local weather conditions



www.lightdynamix.co.uk

© 2023 Light Dynamix LTD