

Alta X Specs

Dimensions	Unfolded Diameter (not including props)	1415 mm
	Unfolded Diameter (Including Props)	2273 mm
	Folded Diameter	877 mm
	Height	387 mm
	Height (Skyview)	434 mm
Powerplant	Number of Motors	4
	Motor Max Continuous Power Output	100 A
	Motor Max Instantaneous Peak Power Output	130 A (>3s)
	Equivalent Kv	115 rpm/V
Propellers	Make and Model	DJI R3390
	Material	Ultra Carbon Pro
	Propeller Orientation	(2) CW and (2) CCW Props
	Propeller Type	840 x 230 mm Folding
Battery	Nominal Battery Voltage	44.4V
	Battery Connectors	XT-90
	Required Minimum Battery Discharge Rating (Per Pack)	320 Amps per battery (assumes two batteries) 20C for a 16A-hr pack.
Weight	Maximum Gross for Takeoff	34.86kg (see performance charts)
	Maximum Payload	15.9kg
	Typical Standard Empty weight	10.4 kg
Flight Controller	Autopilot Name	Custom PX4 flight control stack
	Flight Modes	Manual, altitude, position, mission, loiter, orbit, return
	Supported Radios	Futaba, Spektrum, PX4 compatible SBUS and PPM receivers
	Supported Radio Controller Telemetry Systems	Voltage feed provided for Futaba RX telemetry
	Minimum Radio Controller Channels Required	5 (roll, pitch, yaw, throttle, mode)
	Supported GNSS	GPS/Glonass/Beidou/Galileo
	Default Data Logging Rate	Varies, 25hz for main flight data
Lighting and Indication	Orientation Lights	Boom tip mounted lights
	Orientation Light Color Options	Colors can be set in software - red, orange, yellow, green, cyan, blue, purple, white, off.
	FPV Ability	Yes