

WIND-4 Spec [V1.0.1]

Update on 2017/6/14



Structure	Diagonal Wheelbase	1060mm
	Weight (with DZ-12000mAh battery)	11.0kg
	Max Takeoff Weight	21kg
	Max Payload (with DZ-12000mAh battery)	10kg
	3rd Party Equipment Installation Platform	With mounts
	GPS Adoption Method	Inside
	Basic Configuration	A3*1, IMU*2, GPS*1
	Folding Method	Folded downward
	Landing Gear	Retractable
Propulsion System	Motor Model	10010
	Propeller Model	2880(diameter/screw pitch: 711 × 203mm <28 × 8.0 inch>)
	ESC Model	1280X
	Operating Temperature	-10 to 50° C
Performance	Hovering Accuracy (safe flight, 1 GPS, no RTK)	Vertical: ±0.5m
		Horizontal: ±1.5m
	Max Angular Velocity	150° /s
	Max Pitch Angle	25°
	Max Ascent Speed	5m/s
	Max Descent Speed	3m/s
	Max Wind Resistance	10m/s
SDK	Max Speed	18m/s
	SDK Ports	Onboard SDK/Mobile SDK
	Power	12S
	CAN	Yes
	Spec Adjustment	Support
Flight Duration	1 DZ-12000mah battery	29min 30 sec
	1 DZ-12000mah battery+Z3 gimbal camera+1kg payload	25min
	1 DZ-12000mah battery+Z3 gimbal camera+2kg	22min

	payload	
	1 DZ-12000mah battery+Z3 gimbal camera+3kg payload	20min
	1 DZ-12000mah battery+Z3 gimbal camera+4kg payload	18min''
	1 DZ-12000mah battery+Z3 gimbal camera+5kg payload	16min 30 sec
	1 DZ-12000mah battery+Z3 gimbal camera+6kg payload	15min
	1 DZ-12000mah battery+Z3 gimbal camera+7kg payload	13min 30 sec
	1 DZ-12000mah battery+Z3 gimbal camera+8kg payload	12min
	1 DZ-12000mah battery+Z3 gimbal camera+9kg payload	11min
	1 DZ-12000mah battery+Z3 gimbal camera+10kg payload	10min 23sec
	2 DZ-12000mah batteries	39min 30 sec
	2 DZ-12000mah batteries+Z3 gimbal camera+1kg payload	34min
	2 DZ-12000mah batteries+Z3 gimbal camera+2kg payload	31min
	2 DZ-12000mah batteries+Z3 gimbal camera+3kg payload	28min
	2 DZ-12000mah batteries+Z3 gimbal camera +4kg payload	25min 40sec
	2 DZ-12000mah batteries+Z3 gimbal camera+5kg payload	24min
	2 DZ-12000mah batteries+Z3 gimbal camera+6kg payload	22min
	2 DZ-12000mah batteries+Z3 gimbal camera+7kg payload	20min
	2 DZ-12000mah batteries+Z3 gimbal camera+8kg payload	19min
	2 DZ-12000mah batteries+Z3 gimbal camera+9kg payload	17min 30sec
	2 DZ-12000mah batteries+Z3 gimbal camera+10kg payload	16min 20sec
Dimensions	Folded	530*480*430mm
	Unfolded	860*860*525mm
	Unfolded (with RTK holder)	860*860*645mm
Suitcase Spec	Dimension	610*584*432mm
	Weight	14.67kg
	Protection Level	MIL-STD-810F

Support List	Zenmuse X3/Z3/XT/X5/X5R	Support with front installation suit
	Zenmuse Z30	Support with Z30 installation suit purchased
	FLIR DUO	Support
	Supply Box	Support
	Megaphone	Support
	Dual-battery Port	Support with dual-battery suit
	D-RTK	Support with RTK purchased
	Manifold	Customized
	Clairvoy real-time tracking & location	Customized
	Ground Station (iPad)	Customized
	Ground Station (PC)	Customized

