

XD-10 winch for drone			
Basic Parameters	Main Body dimensions (including quick-release winch part)	173*123*142mm	Support customized rope length, need to reduce the maximum load weight.
	Main body weight	1170g	
	Mechanical release device weight (optional)	283g	
	Counterweight ring weight	379g	
	Smart Auto Release Device(optional)	756g	
	Rope length	25m	
Performance Parameters	Max load weight	10kg	The retracting and extending speed is adjustable, the default is the maximum retracting and
	Retraction speed	0.1-0.6m/s	
	Motor speed	38-228RPM	
Supply Voltage	Power supply mode	Battery powered, does not support DCDC power supply	
	Power supply voltage	22-56V	
Control Mode	SBUS	Standard	
	Remote control	Standard	
	PWM	Standard	
	RS232/RS422	Optional, can be used for ground station development	
Integrated development function (provide protocol, users conduct integrated development)	Real-time data display	Winch working status	RS232/RS422 control method is required for ground station development.
		Motor working status	
		Input voltage	
		Lowering rope length	
		Retracting speed	
		Motor speed	
		Motor phase current	
		Cumulative rope length in use	
		Cumulative overload times	
		Cumulative fuse times	
	System startup time		
Custom settings	Lowering/ascending fixed rope length setting	Need to use RS232/RS422 control mode for custom settings.	
	Motor retracting speed setting		
Features	Retract and release limit	Supports upper and lower limit positions	
	Automatic line management	The wire wheel supports automatic wire arrangement	
	Auto Release	The unhooking device can automatically unhook when the cargo touches the ground	
	Ground Stop with Auto Unhook	The rope release stops automatically when the cargo	
	One-click drop	Supports one-button automatic cargo release	
	One-click rope fuse	Emergency one-button rope breaking function	
	Slow rise and top contact	The cable rises slowly before reaching the top	
	Fault alarm	Motor failure, the indicator light flashes yellow quickly	
No-load release	When there is no load, the descent command will be stopped after it is triggered to prevent the cable from being entangled in the air.		