Drone Parachute System

–Industrial Drone Parachute Series

Parachute Deployment Process Diagram
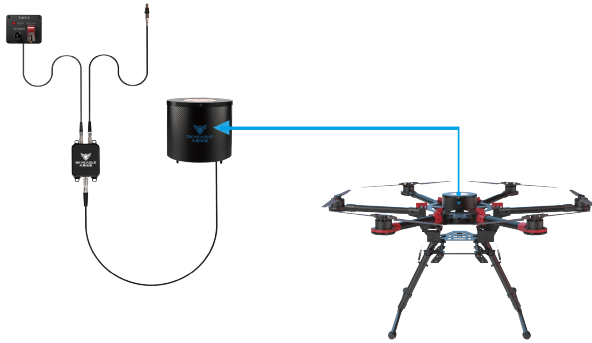
Performance Specifications

Model	T200-15	T200-25	T200-35	T200-50	T200-75	T200-100	T200-125	T200-150	T200-200
Maximum Deployment Weight	15kg	25kg	35kg	50kg	75kg	100kg	125kg	150kg	200kg
Maximum Deployment Speed	110 km/h	110 km/h	110 km/h	110 km/h	110 km/h	110 km/h	110 km/h	110 km/h	110 km/h
System Weight	0.72kg	0.87kg	0.95kg	1.42kg	2.0 kg	2.4kg	3.4kg	3.8kg	4.0kg
Container Dimensions (mm)	Φ169*68mm	Φ169*71mm	Φ169*90mm	Φ169*121mm	Φ169*156mm	Φ206*122mm	Φ206*162mm	Φ206*208mm	Φ206*208mm
Deployment Time	1.2 s	1.2 s	1.2 s	1.2 s	1.2 s	1.5s	1.5s	1.5s	2.0 s
Minimum Deployment Altitude	25m	30m	30m	35m	40m	45m	45m	50m	50m
Maximum Deployment Load	5.5g	5.5g	5.5g	5.5g	5.5g	5.5g	5.5g	5.5g	5.5g
Maximum Descent Speed (at 1500 m AMSL, standard temperature)	5 m/s(equivalent to a fall from 1.3 meters)	5 m/s(equivalent to a fall from 1.3 meters)	5.5m/s (equivalent to a fall from 1.5meters)	5.5m/s (equivalent to a fall from 1.5meters)	5.5m/s (equivalent to a fall from 1.5meters)	5.5m/s (equivalent to a fall from 1.5meters)	5.5m/s (equivalent to a fall from 1.5meters)	5.5m/s (equivalent to a fall from 1.5meters)	5.5m/s (equivalent to a fall from 1.5meters)
Parachute Shape	Square	Square	Square	Square	Square	Square	Square	Square	Square
Main Canopy Area	7 ㎡	9.4 ㎡	12 ㎡	15.3 ㎡	23 ㎡	26.9 ㎡	32.5 ㎡	40 ㎡	62 ㎡
Operating Temperature	-20~60℃	-20~60℃	-20~60℃	-20~60℃	-20~60℃	-20~60℃	-20~60℃	-20~60℃	-20~60℃
Protection Rating	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55	IP55
Parachute Activation Method	Flight Control Activation Autonomous Activation	Flight Control Activation Autonomous Activation	Flight Control Activation Autonomous Activation	Flight Control Activation Autonomous Activation	Flight Control Activation Autonomous Activation	Flight Control Activation Autonomous Activation	Flight Control Activation Autonomous Activation	Flight Control Activation Autonomous Activation	Flight Control Activation Autonomous Activation
ECU Communication Protocol	CAN/RS-232/PWM	CAN/RS-232/PWM	CAN/RS-232/PWM	CAN/RS-232/PWM	CAN/RS-232/PWM	CAN/RS-232/PWM	CAN/RS-232/PWM	CAN/RS-232/PWM	CAN/RS-232/PWM
Black Box Functionality	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
System Service Life	2years	2years	2years	2years	2years	2years	2years	2years	2years

*Customized Service Available

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