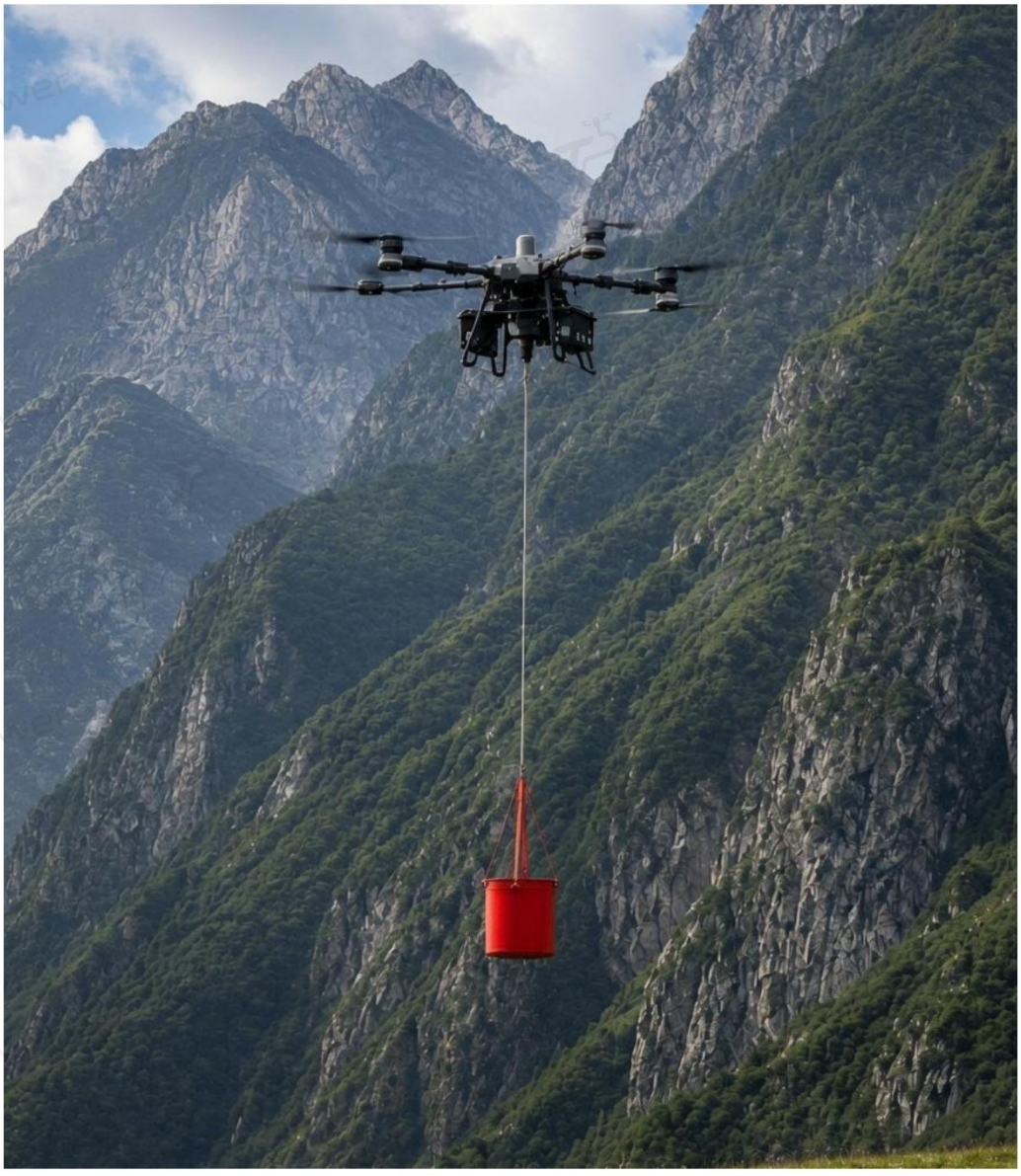
Product Manual

TP-FC100–Firefighting Rescue Bucket



The TP-FC100-FFB Intelligent Firefighting Bucket is specifically designed for high-altitude firefighting operations using drones; it is engineered for complex environments (such as forest fires or firefighting at high-rise buildings), featuring exceptional protective performance, high-efficiency firefighting capabilities, and intelligent wireless remote-control functionality. Its modular hoisting structure enables rapid installation and flexible operation, ensuring broad compatibility with mainstream drone flight platforms, including DJI and Sanlian.

TP-CS Firefighting Rescue Bucket (Soft Type)









Product Parameter

order number	project	technical parameter
1	classification of waterproof	IP68
2	maximum volume	100L
3	Tank weight	9KG
4	Bucket-shaped body type	Uses polyester fiber mesh with double-sided coating

5	control method	PSDK / Network Port / Serial Port / Receiver
6	Corresponding speed	Valve opening is linearly adjustable, with a response time ≤ 0.6s
7	Maximum water flow rate	45L/s
8	Fire extinguishing agent type	Clear water / fluoroprotein foam / aqueous fire extinguishing agent
9	Fire extinguishing area	30–200 m² (depending on flight altitude, fire extinguishing agent capacity, and valve release mode)
10	Compatible Devices	DJI FC100/T100S/FC30 and third-party carrier models

TP-CS Firefighting Rescue Bucket (Hard Type)



Product Parameter

order number	project	technical parameter
1	classification of waterproof	IP68
2	maximum volume	100L/160L/180L/200L
3	Tank weight	8KG/12.5KG/13.5KG/14KG

4	Bucket-shaped body type	Aircraft aluminum alloys, paint surface fireproofing treatment
5	control method	PSDK / Network Port / Serial Port / Receiver
6	Corresponding speed	Valve opening is linearly adjustable, with a response time ≤ 0.6s
7	Maximum water flow rate	45L/s
8	Fire extinguishing agent type	Clear water / fluoroprotein foam / aqueous fire extinguishing agent
9	Fire extinguishing area	30–200 m² (depending on flight altitude, fire extinguishing agent capacity, and valve release mode)
10	Compatible Devices	DJI FC100/T100S/FC30 and third-party carrier models