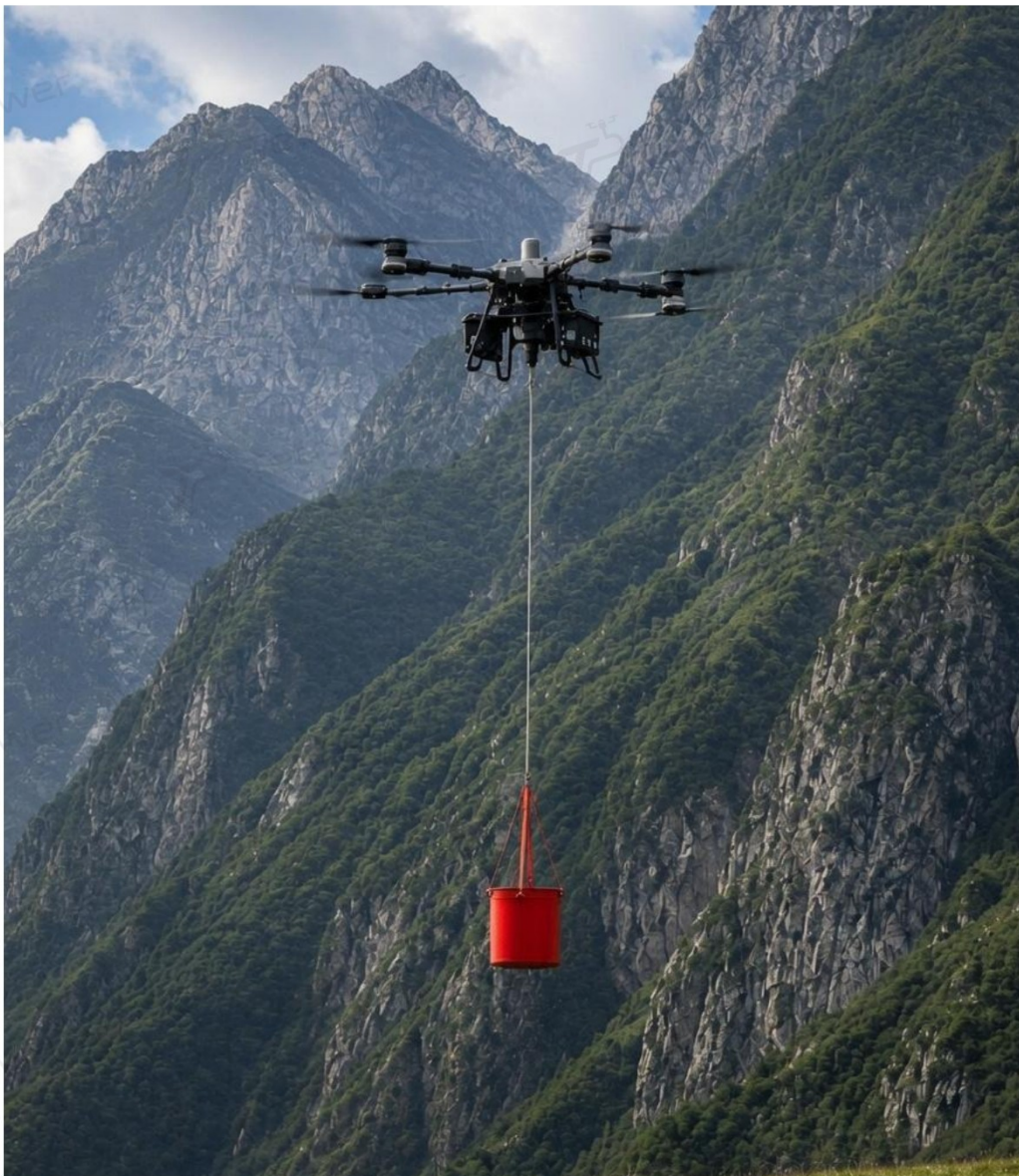


# Product Manual

## 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                  | 4KG                                                 |
| 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 $\leq 0.6s$                                          |
| 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 m <sup>2</sup> (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               | 40L/60L/100L/160L/180L/200L |
| 3            | Tank weight                  | 4KG/6KG/10KG/16KG/18KG/20   |

|    |                               |                                                                                                                 |
|----|-------------------------------|-----------------------------------------------------------------------------------------------------------------|
|    |                               | KG                                                                                                              |
| 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 $\leq 0.6s$                                          |
| 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 m <sup>2</sup> (depending on flight altitude, fire extinguishing agent capacity, and valve release mode) |
| 10 | Compatible Devices            | DJI FC100/T100S/FC30 and third-party carrier models                                                             |