

Dual-Channel

Automatic

Compatible

Applicable Models:
DJI FC30

Enables precise, safe,
and rapid aerial
deployment of fire
extinguishing bombs.

Applications



Environmental Monitoring

Supports controlled deployment of sensors in remote areas.



Rescue

Delivers supplies and firefighting equipment safely.



Firefighting

Enables long-range aerial fire suppression.



Disaster Response

Provides rapid aerial bomb deployment in emergencies.

Specification

System Components

- Suspension and release mechanism
- Laser rangefinder main unit
- Handheld extinguisher status monitor
- Fixed-altitude detonation fire extinguishing bombs

Operational Workflow

- Drones carry extinguishing bombs to fire zones
- Remote operators deploy water-based extinguishing bombs
- Enables long-range, safe firefighting operations
- Rapidly suppresses initial fires
- Eliminates firefighter exposure to dangerous environments

Technical Specifications

C.FB210

- Dimensions: 320×340×360mm
- Weight: 2.7kg
- Channels: 2
- Control: DJI PSDK Pilot2
- Interface: Type-C E-PORT Lite

C.FB125

- Dimensions: 240×340×360mm
- Weight: 3.2kg
- Channels: 1
- Control: DJI PSDK Pilot2
- Interface: Type-C E-PORT Lite

Shared Features

- Control Range: Matches drone operational range
- Installation: Screw-mounted drone rack
- Loading: Quick bayonet system
- Ranging: Laser ranging + PACK aircraft data subscription
- Safety: Dual software/hardware altitude protection

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Precision

Aerial Lifting

Stability

Airborne Automatic Fire Extinguishing
Bomb Throwing Module

C.FB210

C.FB125



The Digital-Intelligent Fixed-Altitude Detonation Fire Extinguishing Bomb System enables drones to safely deploy water-based or dry powder bombs for rapid firefighting. Featuring a suspension-release mechanism, laser rangefinder, and status monitoring, it ensures precise, independent-channel control. Compatible with DJI PSDK drones, both FB210 and FB125 offer easy installation, reliable safety protections, and efficient suppression of initial fires, minimizing risk to firefighters.

Key Features:

- The system supports both water-based and dry powder fire extinguishing bombs.
- Fixed-altitude detonation ensures precise and accurate bomb deployment.
- Independent channel control allows flexible and reliable payload release.
- Integrated laser rangefinder provides accurate targeting and distance measurement.
- Quick bayonet mounting system enables fast installation and setup on drones.
- Dual software and hardware safety mechanisms ensure fail-safe operation.

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