

BOMBERO

SPECIFICATIONS



MULTICOPTER

- Symmetric Motor Wheelbase: 1500mm
- Aircraft Size: 1150mm X 1150mm X 770mm(Unfold)
 - 650mm X650mm X 770mm(Fold)
- Propeller Spec: 29 x 11 Inches
- Max. Take-Off Weight: 42 Kg
 - Max. Rising Speed:5 m/s
 - Max. Descending Speed: 3m/s
- Max. Horizontal Flight Speed:
 - Sport Mode: 5m/s (Windless)
 - Altitude Mode: 15m/s (Windless)
- Max. Flight Altitude:4000m
 - Max. Bearable Wind Speed:12m/s
- Max. Flight Time: 45mins
- Working Environment Temperature: -10°C To +40°C
- Image Sensor: 1/2.3 Inch Sony Imx117 Cmos
- ISO Range: 100-3200(Video)/100-1600(Photo)
 - Video Resolution: 4k 30fps
 - Photo Resolution: 3840 x 2160
 - Focal Length: 6.7-134.5mm
 - Zoom Ratio: 30x Optical Zoom Lens
 - Variable Speed: Around 2.0 Seconds

THE ULTIMATE FIRE FIGHTING MULTICOPTER

CAMERA

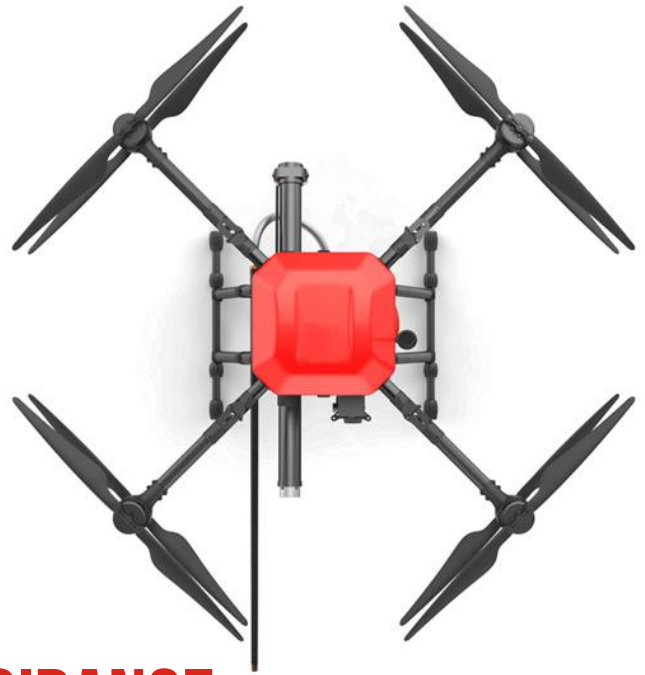
- Horizontal Angle Of View: 59.8°-3.0°(Wide Angle-Telescope)
 - Near Perturbed Distance : More Than 5000m(Wide Angle-Telescope)
 - Video Maximum Bit Stream: 64Mbps
 - Compression Standard: H.264/H.265
 - Supported File Format: Jpg/Mp4
 - Supported Sd Cards: Sd/Sdhc/Sdxc Micro-Sd Card, Max.128gb
- Transmission Speed Over Class10 Micro Sd Card

GIMBAL

- Stable System: 3 Axis (Pitch, Roll, Yaw)
- Angle Control Accuracy: Static: $\pm 0.008^\circ$; Dynamic: $\pm 0.02^\circ$; Stabilization: $\pm 0.008^\circ$
- Controllable Rotation Range: Pitch:-110° To 60°+;Yaw: $\pm 150^\circ$; Roll: $\pm 10^\circ$
- Max Speed: Pitch: 30° / S; Yaw: 30°/S; Roll: Direct Control Angle

SIGHTING TELESCOPE

- Magnification: 6-24 Times
- Length: 41.5cm
- Weight: 600g
- Pipe Diameter: 25.4mm
- Objective Diameter: 50mm
- Distance Of Exit Pupil: 7-8 Cm
- Differentiation Line: Cross - Dense Point Differentiation
- Differentiation Material: Metal Wire Differentiation
- Adjusting Mode: Stretch Lock Adjusting Wheel
- Focusing Mode: Objective Lens Focusing
- Lighting : Red And Green
- Adjustment: One Click From 100 Yards 1/4 Inch



LIDAR RANGING OBSTACLE AVOIDANCE

- Distance Measuring Range: 100m
- Range Of Obstacle Perception: 8m
- Fov : Level 20 ° And 3 ° Vertically
- Measuring Frequency: 10 Khz

GLASS BREAKING & FIRE EXTINGUISHING PROJECTILE LAUNCHER

- Type: Cm60 Airborne Transmitter
- Outer Pipe Diameter Of The Launcher: $\Phi 67$ Mm
- Max. Outside Diameter: $\Phi 70$ Mm
- Launcher Length: 1000 Mm
- Launcher Weight: ≤ 1400 G
- Suitable For Extinguishing Projectile: Cm60 Rocket Booster Powder Extinguishing Projectile
- Transmitter Trigger Voltage: 12v~24v
- Emitter Trigger Current: ≤ 700 ma
- Life Of Transmitter: ≤ 3 Year/100times

GLASS BREAKING & FIRE EXTINGUISHING PROJECTILE

- Grenade Length: 995mm
- Projectile Weight: 300g : Total Weight: 300g
- Extinguishing Agent: Type: Abc Superfine Dry Powder; Suttle: 110g
- Features: Fully Sealed, Waterproof, Moisture-Proof, Inexplosive .
- Single Fire Extinguishing Capability: 9 M3 Total Flooding
- Ignition Current Of Fire Extinguisher: 70mA
- Fire Bomb Safety Current: 15mA
- Max. Range Of Fire Bombs: 40M
- Fire Bomb Initial Emission Velocity: 35M/S
- Delay Time For Extinguishing Agent Injection: 5S
- Fire Extinguisher Service Life: 3 Years

BOMBERO

FIRE SUPPRESSION CYLINDER

- Volumetric: 8L
- Material: Hp295
- Weight: 3kg, 5kg,8kg (Optional)
- Filling Pressure: 1.2m PA
- Installation Method: Quick Hanging Type
- Open Mode: Electronic Fast

POWDER SPRAYING PIPE

- Material: Carbon Fiber
- Collapsing Length: Expanded Length Of 4.8m (Min. Length To 1.2m)

IMAGE TRANSMISSION

- Out Power: Max.400 mw
- Image Transmission Distance: 5km (No Electromagnetic Interference)

REMOTE CONTROL

- Working Frequency: 1.4 Ghz/2.4 GhZ
- Max. Signal Effective Distance: About 5 Km (No Electromagnetic Interference)
- Working Environment Temperature : From -10 °C to 40°C
- Battery: 7.4v 6000mah Li-Po 2s
- Mobile Device Holder: Suitable For Tablet Or Mobile Phone.

INTELLIGENT FLIGHT BATTERY

- Voltage: 45.6V
- Capacity: 4400 mah
- Battery Type: Li-Hv 12s
- Energy: 2006.4wh
- Max. Charging Power: 630w

CHARGER

- Input Voltage: 100-240v
- Output Power: 1260w (630w X 2)
- Discharge Power: 100w (50w X 2)
- Charging Current Range: 1.0-12.0a X 2
- Max. Equilibrium Current: 1.0-1.5a
- Rechargeable Battery Type: Lithium Battery (Li-Po)/
High Voltage Lithium Battery (Li-Hv)
- Number Of Lithium Battery:12 X 2
- Charging Mode: Quick Charging/Accurate Charging/Battery Storage

BOMBERO