



WHY TETHERED DRONES?

- Fly more safely and reliably than free-flight unmanned aircraft
- Carry heavier payloads for longer durations
- Transmit power, data and telemetry from the ground via the Kevlar® armored tether
- Launch from ground-based power for unlimited flight time
- Rely on redundant safety systems to fly incident-free
- Simplify flight control with one lightly-trained operator
- Enable mobile deployment and rapid response

BOLT

COAXIAL HELICOPTER

FEATURES & BENEFITS

- Coaxial helicopter with contra-rotating blade design
- Extremely quiet operation
- 10+ hours flight time from ground power
- Setup to operating in 10 minutes
- 4.5 mile human detection, MWIR
- 65 lb. gross lift
- 15 lb. net lift with universal payload mount
- Up to 800 feet operating altitude
- Follow vehicle flight mode
- Optimized flight control system with vision navigation
- Tension control winch system
- Integral fail-safe subsystems

BOLT DELIVERS CRITICAL SITUATIONAL AWARENESS AND COMMUNICATIONS UNMATCHED BY CONVENTIONAL MANNED AND UNMANNED SYSTEMS

QUIET. LONG-DURATION. HEAVIER LIFT CAPABILITY.

Bolt is the next generation tethered drone specifically designed for nearly silent operation at altitudes up to 800 feet. With only 10-minute setup and 10+ hours flight time, Bolt is enabled by an active tether system providing unjammable and uninterrupted power delivery along with live HD video and secure communications. Featuring a simplified coaxial helicopter rotor design for low maintenance, Bolt has field changeable universal payload bay which supports radio, SIGINT and ISR packages up to 15 pounds and requiring up to 1 kilowatt of power. "Follow-me" flight mode enhances mobile operations and mission flexibility.



DAC 350 payload

BOLT USE CASES INCLUDE:



Military – Varied missions including communications relay, force protection, embassy security, SIGINT and convoy escort.



Civil Agency & Law Enforcement – Border patrol, emergency response, crowd management, search and rescue.

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BORDER & PORT SECURITY • FEDERAL & LOCAL LAW ENFORCEMENT • FORCE PROTECTION • SEARCH & RESCUE
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