

LEMUR 2



brinc



Gain intel. Make contact. De-escalate.



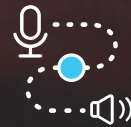
4K Day Time,
Night Vision &
Thermal Sensors



360°
Position Hold



Makes Realtime
Floor Plans



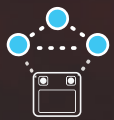
2-Way Comms



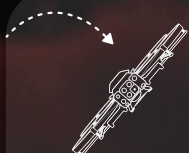
Live Stream
Off-site



Glass
Breaker



Mesh
Network
Capable



Turtle
Mode



Obstacle
Awareness



180°
Gimbal



Floodlight
With Strobe



Payload
Dropper

BRINC AUTONOMY ENGINE

State-of-the-art pilot assistance built to operate seamlessly in extreme environments and respect user inputs.

Makes Realtime Floor Plans

Be informed before you enter. As LEMUR 2 clears a building, its LiDAR sensor generates 2D floor plans and sends them to users in real time.

360° Position Hold

LEMUR 2 holds position without light or GPS and enables you to focus on the mission instead of the sticks.

Smart Speed Obstacle Awareness

Advanced awareness system that shifts the LEMUR 2 into a slower speed setting when near objects, letting pilots interact as they want or shift back into top gear.



LEMUR 2 SENSORS

Floodlight With Strobe

Can be triggered to flood a room with white light, or utilized in strobe mode.

3D LiDAR Sensor

Collects >570,000 points / second to fuel the BRINC Autonomy Engine.

Tracking Camera

Redundant system for indoor/outdoor localization.

IR Floodlight

Not visible to the naked eye. Enables the 4K visual camera to see at night.

4K Visual Camera

Captures and transmits HD video in real time. 4K video, 12 MP sensor works with accompanying spotlights for night vision.

Integrated Microphone

Picks up audio to enable 2-way comms.

Autonomy IR Floodlight

Triggers automatically in low or no-light situations.

FLIR Thermal Camera

Lepton LWIR sensor for seeing hot objects at night and through smoke. 160x120 video feed.

Loudspeaker

Call your drone and communicate through an integrated loudspeaker.



SPECIFICATIONS



Height
3.9 in



Length
13.4 in



Width
15.8 in



Weight
2.8 lbs



95^{Wh}
Battery Capacity

Gimbal
Rotation



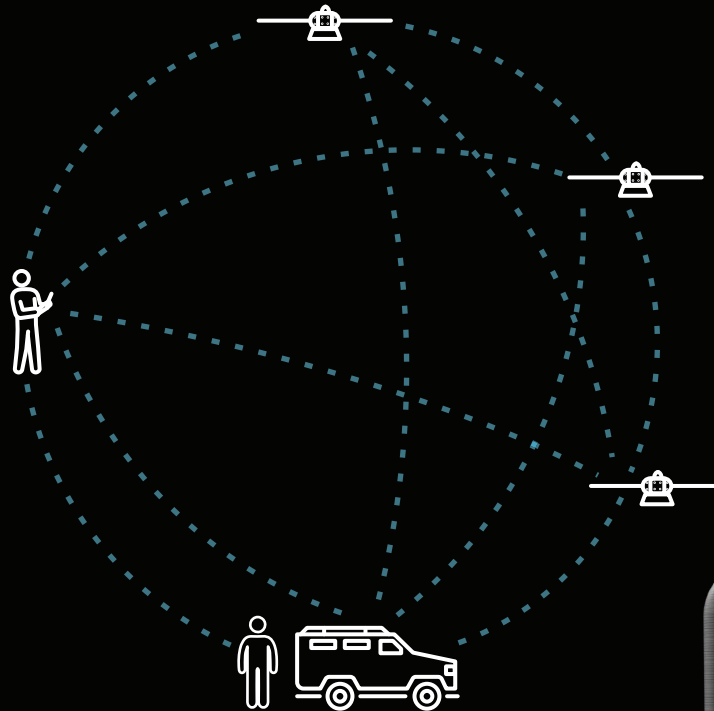
3
Autonomy
Sensors

LOCAL VIDEO & CONTROLS

BRINC CONNECT

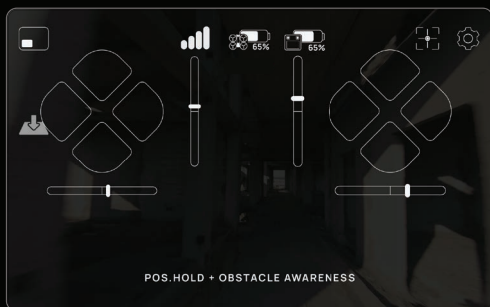
A new transmission system designed for complex, long range missions through material.

Meshes with other LEMUR 2 airframes and compatible radios for expanded range.



BRINC PILOT

Flight app offers a real-time view and control of your LEMUR 2. Runs on the included BRINC controller.



View real-time drone status and adjust settings.



Switch between camera views and Realtime Floor Plans.



AIRFRAME



Glass Breaker

Effective at breaking tempered, automotive, and most residential glass. The glass breaker allows the LEMUR 2 to make entry into structures.

Protective Fins

Push up on ceiling tiles and protect the gimbal if the drone is flipped on its back.

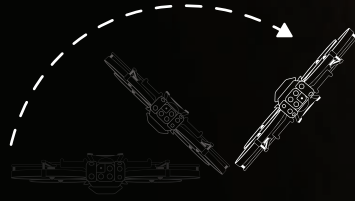


Payload Dropper

Slides easily onto the underslung Picatinny Rail. Carries up to 1lb, or can be used to drag heavier objects.

Turtle Mode

End up on your back during a mission? Engage Turtle Mode to flip over and redeploy.



Rugged Airframe

Ducted props let the drone bounce off walls. Carbon fiber reinforced nylon is used throughout for enhanced durability.



Pushes Open Interior Doors

Interior doors are a minor inconvenience. The LEMUR 2 can open partially ajar interior doors and can be used as a battering ram.

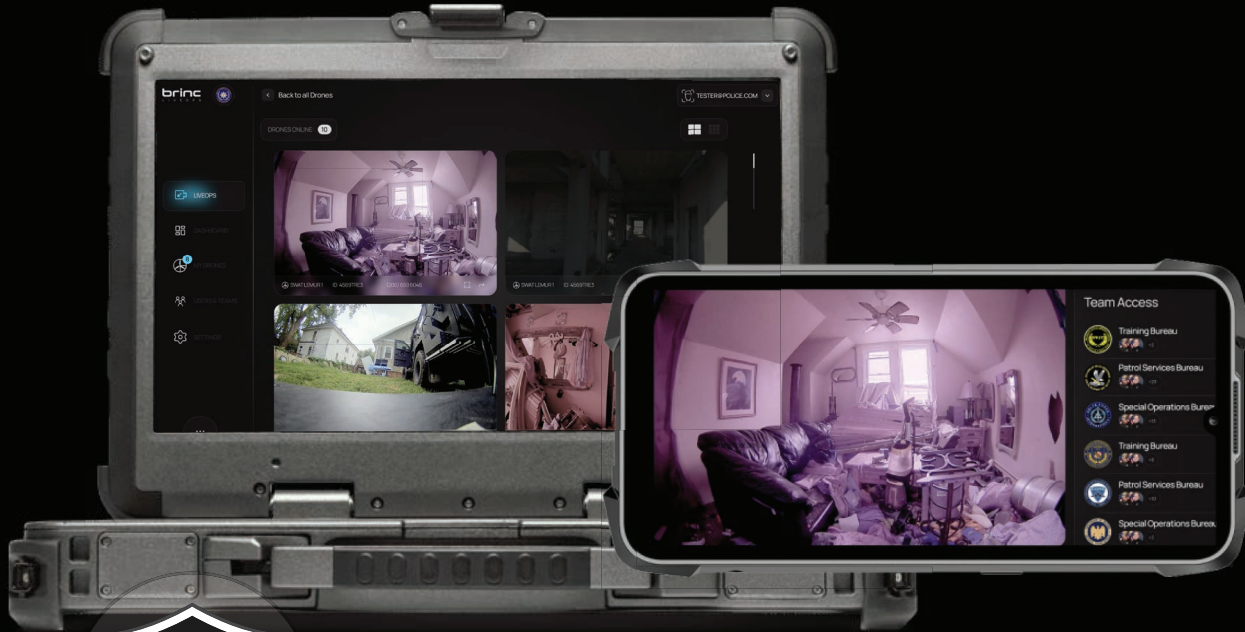
OFFSITE STREAMING & ACCESS

Integrated 4G LTE

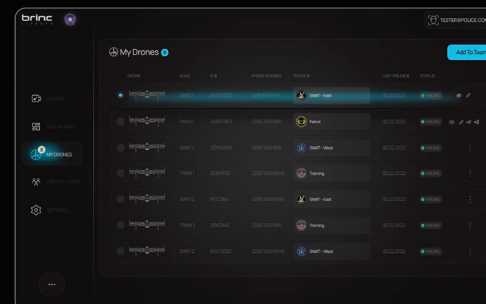
Each LEMUR 2 has a 4G LTE module to enable 2-way comms and live streaming.

BRINC LiveOps

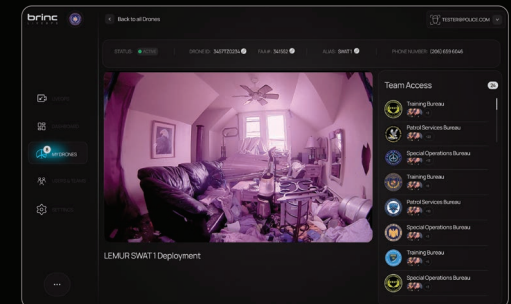
Access a live video feed or Realtime Floor Plans remotely. Runs on any modern browser.



Securely hosted on
AWS GovCloud

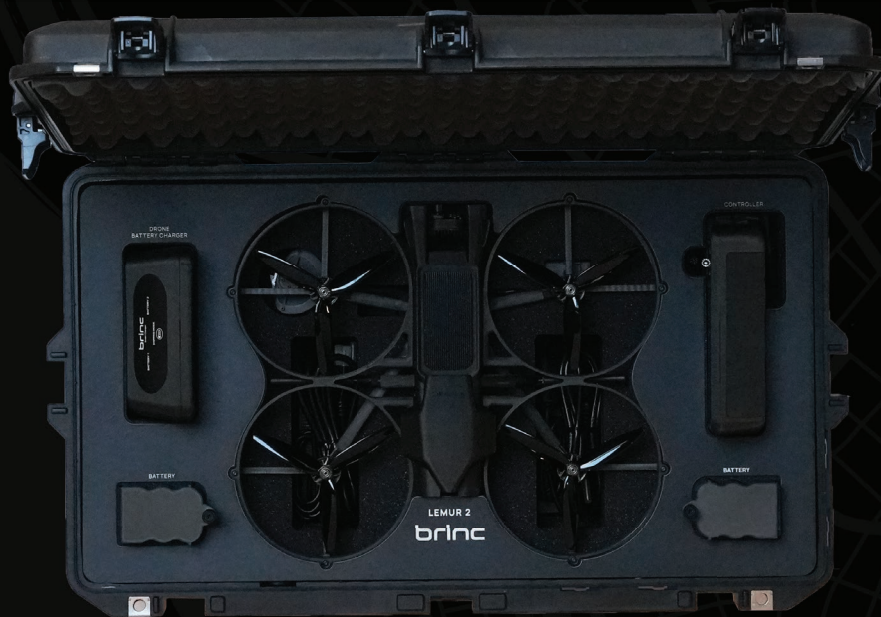


View, manage and assign drones and
livestream view permissions.



Easily share livestream access, even
to those without LiveOps accounts.

ON THE GO



LEMUR 2 Pelican Case

Hardened case for transporting LEMUR 2 and all corresponding accessories together.





LEMUR 2 Backpack


Deploy with extreme flexibility using the custom BRINC LEMUR 2 Backpack.

NO-HASSLE PLANS FOR SCALABLE DEPLOYMENTS

Stream. Connect. Protect.

Future-Proof Your Program 

Beyond Just Hardware 

Budgetary
Certainty 

No Questions Asked
Repair/Replace 