

3D PRINTING FOR ELECTRONICS

DRONES

Design for Additive Manufacturing allows for completely innovative structures which can change the way drones and drone attachments are made. The result? A lighter, stronger, more functional drone that requires less assembly and fewer parts.

- Drone frames
- Camera gimbals
- Support structures
- Internal Enclosures
- Brackets
- Electronic connectors
- Replacement parts
- Camera/ equipment mounts

Simplify Assembly

Minimize components, weight, and cost by integrating buttons, brackets, clips, and supports right into the structure.

Custom Design

The shape, size, and features of your drone can be completely customized to fit the components and function of the drone and reduce weight.

Quality Finish

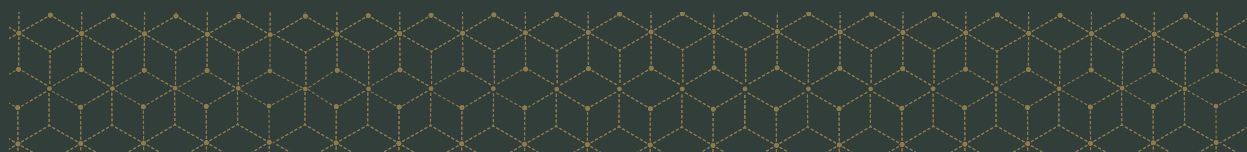
High definition colors and surface quality are possible with industrial 3D printing.

Reduce Weight

Lattice structures allow you to reduce the weight while maintaining a sturdy rigid frame.

Adapted Components

Adapt components to the client's needs with custom equipment mounts



Properties:



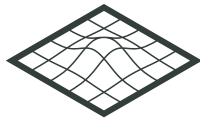
Impact and Abrasion Resistant

3D printed drones are strong, resistant to hard landings, and scuff and scratch resistant



Accuracy

Precise 3D printing creates your parts true to size and form.



Surface Finish

With professional finishing options, 3D printed drones have a quality look and feel.



Watertight

Watertight and water resistant materials ensure your drones function in any setting.



Lightweight

Lightweight materials and tailored design make 3D printed drones lighter and faster.



UV Resistance

Specialized finishing options allow drones to weather any environment.

The 3D Printing Advantage:



Prototypes to small series to mass-production

3D printing grows with your business; accomodating any scale of production without minimum orders.



Flexible, on-demand manufacturing

Minimize inventory costs, production overruns, and obsolescence; produce only what you need, when you need it.



Fastest lead-time

Unexpected orders, tight deadlines, and product development time are no longer an issue.



Design to fit and function

One size doesn't fit all, your parts are tailored to their function without the constraints of traditional methods.