

1. What kind of drone are you interested in?

0

- a. A camera drone for photography and videography
- b. An FPV racing drone for acrobatic flying and racing
- c. I'm not sure yet, I'd like more information about the different types of drones and their uses

**If the user chooses "I'm not sure yet, I'd like more information about the different types of drones and their uses":**

1\_3

**1. Camera Drones:**

- **Use:** Aerial photography and videography.
- **Common Applications:** Capturing stunning aerial views, filming events, real estate photography, filmmaking, and more.

**2. FPV Racing Drones:**

- **Use:** Acrobatic flying and racing.
- **Common Applications:** Participating in thrilling drone racing events, performing aerial stunts and tricks, exploring unique perspectives through goggles.

**3. FPV Cinematic Drones:**

- **Use:** Aerial filmmaking and creative content creation.
- **Common Applications:** Capturing dynamic and cinematic shots, creating visually engaging content for films, commercials, and online media.

**4. Aerial Surveying Drones:**

- **Use:** Gathering data for mapping and analysis.
- **Common Applications:** Land surveying, mapping terrain, creating 3D models, monitoring agricultural fields, and inspecting large structures.

**5. Environmental Monitoring Drones:**

- **Use:** Studying natural environments and ecosystems.
- **Common Applications:** Tracking wildlife, monitoring pollution levels, analyzing deforestation, studying climate patterns.

**6. Scientific Research Drones:**

- **Use:** Conducting experiments and data collection.
- **Common Applications:** Studying wildlife behavior, analyzing atmospheric conditions, tracking migratory patterns, and observing natural phenomena.

**If the user chooses "a. A camera drone for photography and videography":**

2. What's your primary use for the camera drone? 1\_2
- a. Aerial photography for personal/family use
  - b. Professional photography/videography for events or clients
  - c. Aerial surveying or mapping for work purposes

If the user chooses "Aerial photography for personal/family use" or "Professional photography/videography for events or clients":

3. What's your level of experience with drone flying? 2\_2
- a. I'm a beginner and need an easy-to-fly drone
  - b. I have some experience and want a drone with more advanced features
  - c. I'm an experienced pilot and seek a high-performance drone for specialized flying

Users answer will be saved and used later and user will continue to next question:

4. What level of camera quality and features are you looking for? 3\_2
- a. High-resolution camera with 4K/6K video capability
  - b. Interchangeable lenses for versatility
  - c. Pro-level features like RAW image capture, multiple codecs, and Log profiles
  - d. I'm not sure yet or doesn't really matter

Users answer will be saved and used later and user will continue to next question:

5. What level of flight automation do you prefer? 4\_2
- a. Basic flight modes (auto-takeoff, auto-landing, and GPS-based positioning)
  - b. Advanced intelligent flight modes (subject tracking, waypoints, etc.)
  - c. I'm not sure yet

If the user chooses "Aerial surveying or mapping for work purposes":

6. What kind of data collection capabilities are you looking for? 5\_2
- a. High-resolution imagery for detailed mapping
  - b. Thermal imaging for inspection and analysis
  - c. Lidar or multispectral capabilities for specialized applications

Users answer will be saved and used later and user will continue to next question where it will show the best options for his previous answers:

7. What is your budget range for the camera drone and necessary accessories? 6\_2
- a. Under \$400
  - b. \$400 - \$800
  - c. \$800 - \$1200
  - d. \$1200 - \$1500
  - e. \$1500 - \$2000
  - f. \$2000 - \$3000
  - g. \$3000+

**If the user chooses "b. An FPV racing drone for acrobatic flying and racing (self-build)":**

1. What's your experience level with FPV flying? 1\_1
  - a. Beginner, I'm new to FPV drones and want a user-friendly setup
  - b. Intermediate, I have some experience with pre-built FPV drones
  - c. Advanced, I'm experienced and want to build a custom setup

If the user chooses "Beginner, I'm new to FPV drones and want a user-friendly setup":

2. Have you flown in a simulator before like Liftoff, DRL or Velocidrone? 2\_1
  - a. Yes, I have some practiced in a FPV simulator
  - b. No, I have not

If the user chooses no, an info box with more info will be shown.

User's answers will be saved and used later and the user will continue to question 4.

If the user chooses "Intermediate, I have some experience with pre-built FPV drones" or "Advanced, I'm experienced and want to build a custom setup":

3. Are you interested in DIY drone building and tuning? 3\_1
  - a. Yes, I enjoy building and customizing my own drones
  - b. No, I prefer a pre-built drone with some customization options

Users answer will be saved and used later and user will continue to next question:

4. What's your primary goal for flying FPV drones? 4\_1
  - a. Exploring and capturing scenic views
  - b. Performing freestyle tricks and maneuvers
  - c. Trying out racing for the thrill
  - d. indoors/outdoors cinematic FPV shots

The user's answer will be saved and used later and the user will continue to the next question.

5. Do you already have one of these that you do not have to buy anymore?
  - a. Yes I already have a transmitter
  - b. Googles
  - c. Battery charger
  - d. Batteries

The user's answer will be saved and used later and the user will continue to the next question where it will show the best options for his previous answers:

6. What is your budget range for an FPV drone and everything you need to get started flying? 5\_1
  - a. Under \$400
  - b. \$400 - \$600
  - c. \$600 - \$800
  - d. \$800 - \$1000
  - e. \$1000 - \$1500
  - f. \$1500 - \$2000

g. \$2000+

the user's answer will be saved and used later. If the user chooses a budget above \$800 else he will continue to question 8:

7. Would you prefer a digital FPV system or an analog FPV system?

7\_1

- a. Digital FPV system
- b. Analog FPV system

The user's answer will be saved and used later and the user will continue to the next question. Some options in this question will be marked based on the users budget and there goal for flying FPV:

8. What's your preferred drone size and estimated prop size (in inches)?

8\_1

- a. Tiny whoop (65mm or smaller) with 1S/2S battery and around 1" to 1.5" propellers
- b. Micro (75mm - 150mm) with 2S/3S battery and around 2" to 3.5" propellers
- c. Standard (150mm - 250mm) with 4S battery and around 3" to 5" propellers
- d. Long-range (250mm or larger) with 6S/7S battery and around 5" to 7" propellers
- e. I'm new to these terms and sizes and want more information

The user's answer will be saved and used later and the user will continue to the next question.

9. Are you familiar with the drone regulations and safety guidelines in your local area?

9\_1

- a. Yes, I am well-informed about the drone regulations, safety guidelines, and licensing requirements in my location.
- b. I have some basic knowledge of regulations, but I would appreciate more information, including licensing details.
- c. No, I haven't looked into the regulations or licensing requirements yet.

If the user chooses option 2 or 3, an info box with more info will be shown.

The user's answer will be saved and used later and the user will continue to the next question. Some options in this question will be marked based on the users budget, there goal for flying FPV and there preferred drone size:

10. After considering your experience level, goals, and budget, do you have any specific features or functionalities that you'd like to prioritize in an FPV drone?

10\_1

- a. I'd like longer flight time for extended flying sessions.
- b. High-definition video recording is a priority for capturing quality footage.
- c. Ease of maintenance and repairability for long-term use.
- d. I want a durable and crash-resistant design to withstand tough flights.
- e. I'm interested in GPS functionality for features like speed feedback and failsafe rescue.
- f. Compatibility with various FPV goggles and equipment.

