

 **Garuda**
DRONI

Version 1.0



India's Smartest
Personal Drone



Garuda
DRONI

Capture every angle
of grandeur **with precision.**





Make Every Shot A Masterstroke With Garuda Droni

Designed to equip your imagination with efficiency, the portable follow-me UAV (Unmanned Aerial Vehicle) is packed with intelligent features for next-generation aerial and flight photography solutions making it difficult for even our very own Captain Cool to not exclaim, “**What a shot!**”

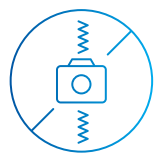
Flight, Voice &
Somatosensory
Control

FPV
Virtual Flight
Simulator

Drone Wind
Resistance
Up To 7 Levels



Features In The Spotlight



Anti-shake HD Camera

Equipped with three-axis mechanical stabilized pan tilt, Garuda Droni has no room for shaky imperfect shots. Its 48 MP aerial camera also supports 4K/30 fps HD videos.

1/2.3" CMOS
48 Megapixels

f/2.6 Aperture
For Bright Captures

83° Ultra-low Distortion
Wide-angle Lens



Light, Foldable & Portable

Weighing as little as 249 grams and folding to fit into compact spaces, Droni is engineered to accompany you everywhere you go.

Compact Build
249 Grams

Foldable Quadcopter
Fits Into A Pocket



Features In The Spotlight



FPV Flight Experience

Call it virtual reality or an out-of-body experience, the FPV Virtual Flight Simulator enables you to **live every frame captured by your drone.**

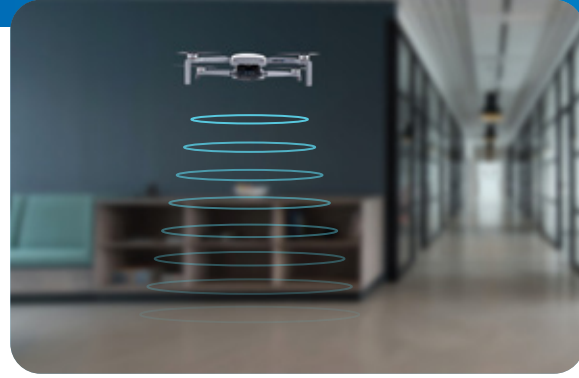


Features In The Spotlight



One-throw-flight

One-throw-flight enables an **unrestricted takeoff** and increased UAV adaptability.



Visual Optical Flow Positioning

The perfect blend of visual optical flow and TOF positioning makes **stable indoor shooting possible**.



Intelligent Voice Somatosensory Control

The intelligent voice somatosensory GA-V8 allows you to switch to **one-hand control** whenever required.



Level 7 Wind Resistance

Garuda Droni can **fly at 25m/s while maintaining a wind resistance of level 7**.



Mobile Fast Transmission

This new upgrade lets you **transfer all your media instantly and perform high-speed Wi-Fi download (up to 8m/s)**. The app operation interface follows a simple design for a pleasant user experience.



Target Management

With Droni, you can access target point measurement and accurate positioning of the ground target's longitude and latitude. The gimbal offers **automatic target tracking and assists in taking mirror shots**. You can also shoot large areas without operating the gimbal.



Better Endurance

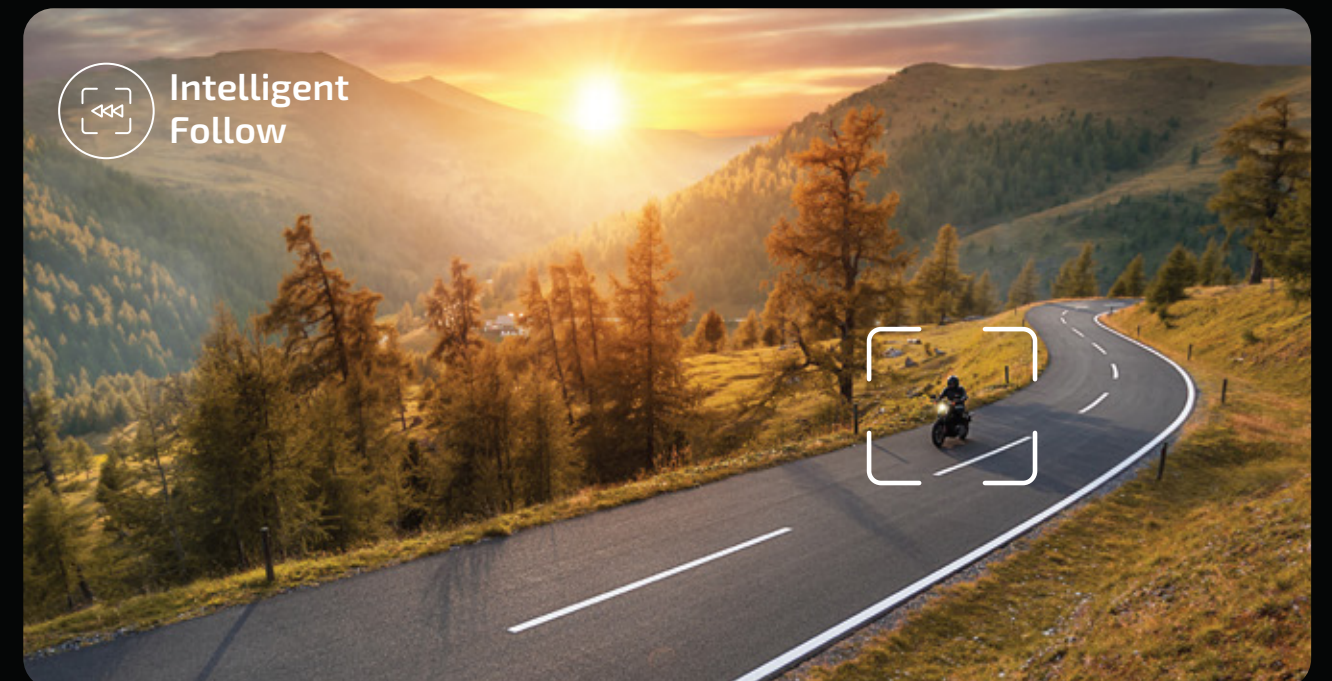
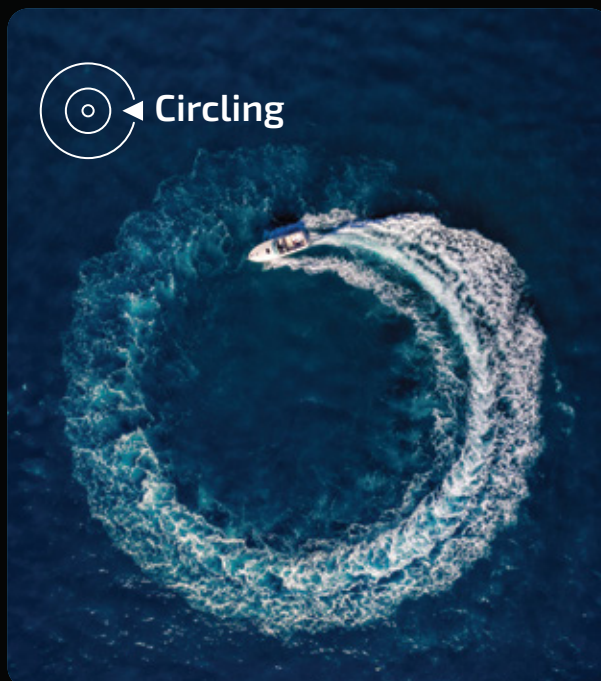
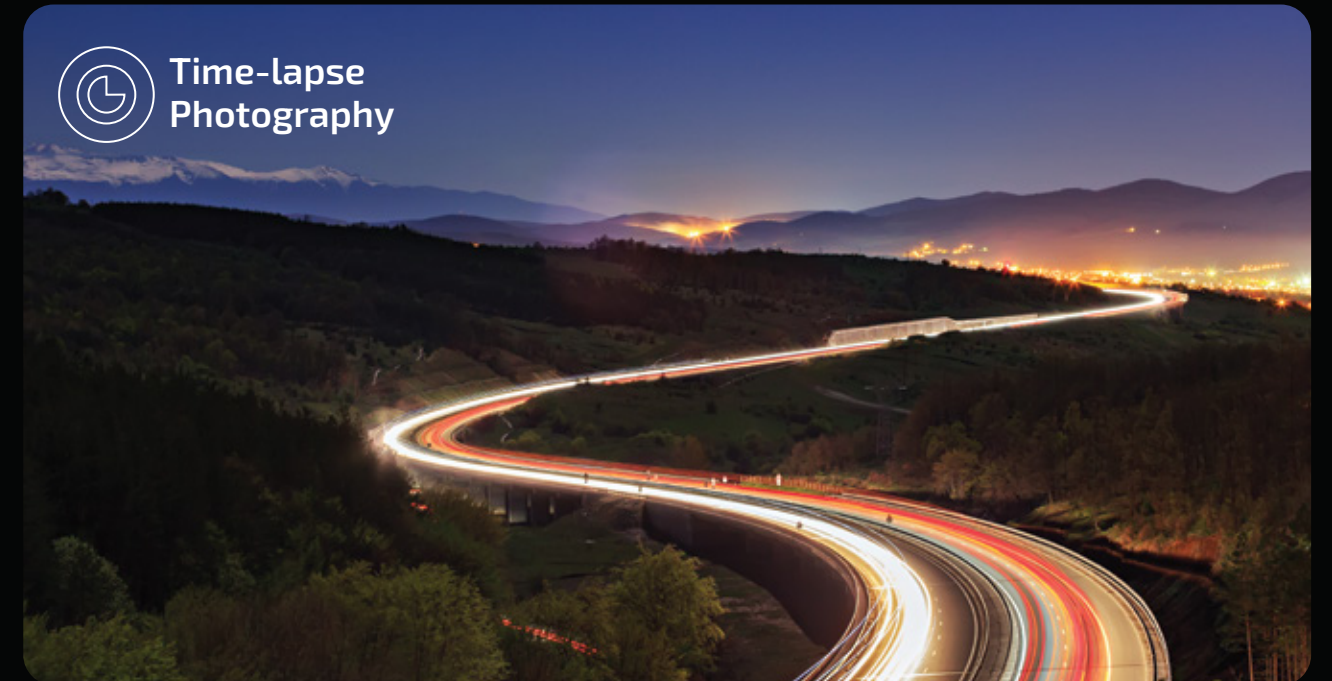
The standard Droni **intelligent flight battery lasts up to 30 minutes** so you can capture the perfect moment without worrying about battery life.



Flight Modes

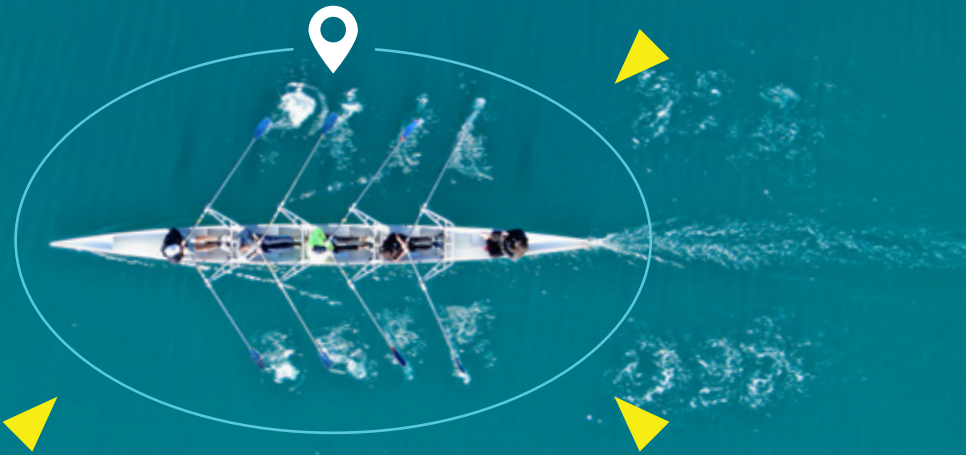
1 Simple Click, 11 Stunning Techniques

Empowered by the follow-me UAV technology, these intelligent flight modes simplify cinematic shooting techniques to a single click.



Flight Modes

 **Quadrangle Follow-me**



 **God-like Perspective**



 **Straight Forward Shooting**



 **Circling Follow-me**



 **Broad Shooting**



Accessories

Aerial Photography Assistance

If the fear of damaging your equipment triggers your travel anxiety, future-proof your trips with our Two-way Charging Butler and Blade Protector.

Blade Protector



Two-way Charging Butler*



* This is an add on accessory. It does not come along with the drone.

DIY Free Choice

Take consistent quality shots, irrespective of environmental challenges with smart devices for remote control, somatosensory control and pilot view.

P2 Remote Controller



GA-V8 Remote Controller



GA-VR



Functionality

Droni

Functions	Support for P2 Remote Controller	Support for GA-V8
Anti-shake HD Camera	✓	✓
One-throw-flight	✓	✓
Mastershots	✓	✓
Smartly Accompanying Flight		✓
Intelligent Somatosensory Control		✓
Intelligent Voice Control		✓
Time-lapse Photography	✓	✓
Intelligent Follow		✓
Visual Optical Flow Positioning	✓	✓
Brand New Transmission	✓	✓
FPV Flight Experience	✓	✓
Intelligent Speed Control	✓	✓
Target Management	✓	✓
Level 7 Wind Resistance	✓	✓
Mobile Fast Transmission	✓	✓

Specification

Aircraft

Symmetric Motor Wheelbase	241.6mm
Body Size (L*W*H)	167.4mm*217.8mm*62mm (unfolded) 143mm*82.8mm*62mm (folded)
Max Take-off Weight	249g
Max Climb Speed	5m/s (default) ; 2~6m/s (adjustable)
Max Down Speed	3m/s (default) ; 2~4m/s (adjustable)
Max Horizontal Flight Speed	10m/s
Max Tilt Angle	50°
Max Flight Altitude	4500m
Max Withstand Wind Speed	10m/s
Battery Specifications	7.7V, 2250mAh, LiPo 2S, 10C
Max Flight Time	30 minutes (measured in a windless environment at sea level, 3m/s automatic cruise)
Working Ambient Temperature	-10°C to +45°C
Hovering Accuracy Range	Vertical: ±1.5m Horizontal: ±0.5m (GPS works)

Camera

Image Sensor	1/2.3-inch CMOS 48 million effective pixels
Lens	FOV83° 4.49mm f/2.6 aperture
ISO Range	100-1600
Electronic Shutter	1/2-1/4000
Photo Resolution	8192*4608 3840*2160
Video Resolution	FHD: 1920*1080 (60fps) UHD: 3840*2160 (4K 30fps)
Storage Maximum Code Rate	100Mbps
Support File System Format	Fat32, exFat
Image Format	JPEG, RAW (RAW format, later can be opened through firmware upgrade)
Video Format	MP4
Support the Memory Card Type	Micro SD card, Maximum Support of 128G, Fat32 File System Format, Transmission Speed of Class 10 or Above or UH S-1 Rating

P2 Remote Controller

Dimensions (L*W*H)	152.5*47*82mm (folded)
Working Frequency	2.4GHz
Signal Range	Approx. 4km (open and unobstructed, no electromagnetic interference)
Built-in Battery	Built-in lithium battery 3.7V 3900mAh LiPo

GA-V8 Remote Controller

Operation Frequency	2.400-2.4835GHz
Max Communication Distance	3~4km (open without shielding, no electromagnetic interference)
Display Screen	1.54 inch LCD Screen Resolution: 240*240
Battery	3.7V 5000mAh 21700 LiPo
Max Follow Speed	70km/h
Operating Ambient Temperature	-10°C to +45°C
Charging Ambient Temperature	5°C to 40°C

Gimbal

Stability System	3-axis (pitches, yaw, roll)
Controllable Rotation Range	Pitch: -90° to 30°
Max Control Speed	Pitch: 5°/s ~ 100°/s adjustable
Angle Control Accuracy	Static: ±0.01° Dynamic: ±0.02° Stabilization: ±0.01°

Downward TOF and Visual Positioning System

Precise Ranging Range	0.25m~5m
Visual Hover Range	0.25m~10m



The World Is Your Creative Playground

Let your nomad soul come out to play. Explore life beyond pixels. Capture what makes your pulse rise, every single detail of it. With Droni, you don't stop at seizing the moment. You take it home with you. You never let it die.

Lights, Droni, Action!



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