

# GLADIUS MINI

## INTRODUCTION



CHASING-INNOVATION Co.Ltd  
[www.chasing-innovation.com](http://www.chasing-innovation.com)



**Conquer the Waters.**

## GLADIUS MINI

is the first five thruster minisize underwater drone in the world. Equipped with a 4K ultra HD camera, it can dive up to 330 feet deep and is perfect for underwater photography and exploring. The submarine-like five thruster design ensures stable underwater footage. Any underwater exciting moment can be recorded and ONE-STEP shared to your families and friends. With a backpack, you can start your trip right away. Whatever adventure you go on with friends or family, the GLADIUS MINI is a highly entertaining and unique underwater drone for everyone to enjoy.



4K UHD Camera



Portable Backpack



One Touch  
Lock-Depth Mode



±45° Adjustable  
Tilt-Lock Mode



One Touch  
Share on Social



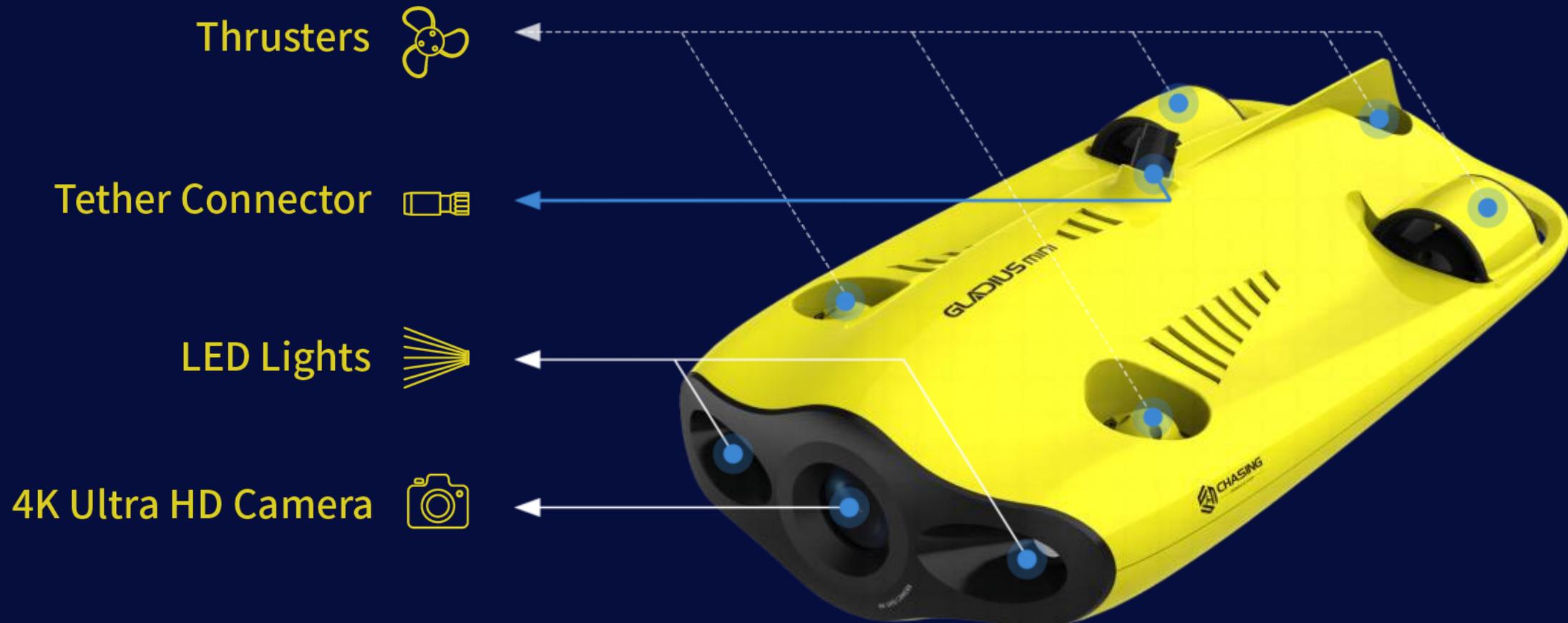
Dive to 330ft



Live Stream  
(YouTube/Facebook)



2hr Runtime



Thrusters



Tether Connector



LED Lights



4K Ultra HD Camera

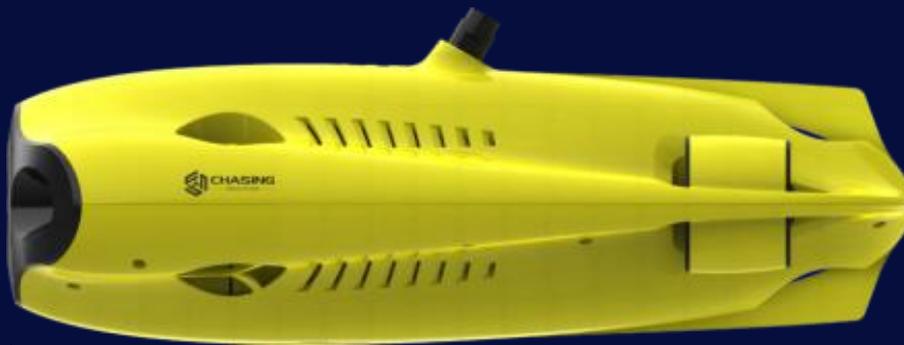




Width 8.9 in



Thickness  
5.4in



Length 15.2in



**GLADIUS MINI**



**Base Station**



**Remote Controller**

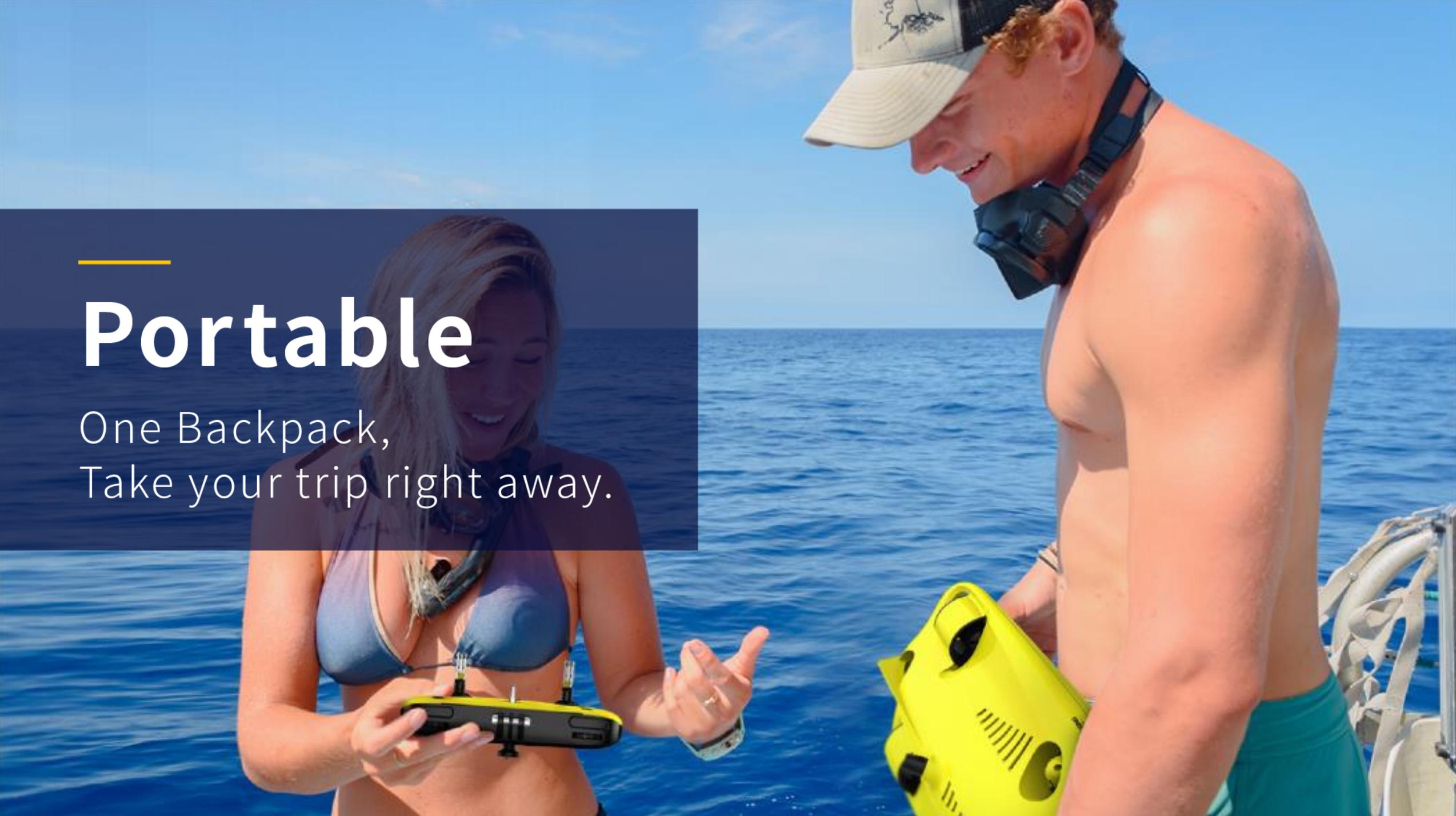


**Winder**

---

# Portable

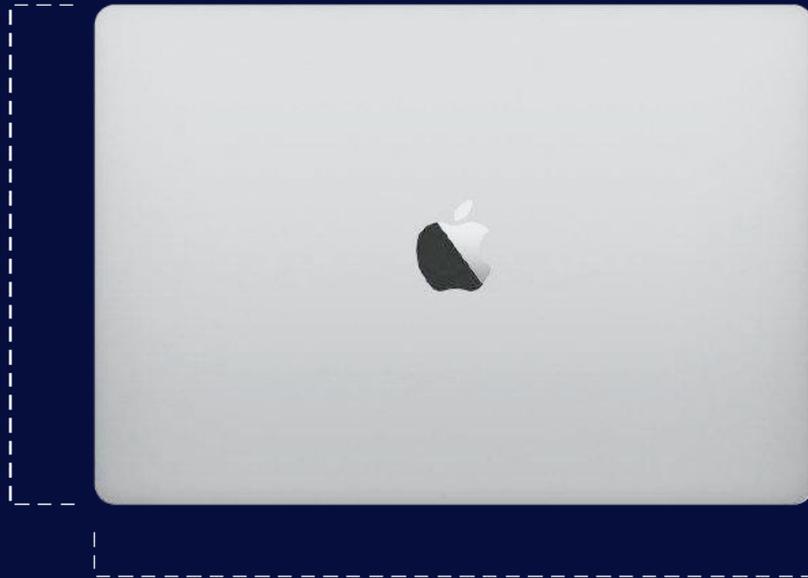
One Backpack,  
Take your trip right away.



## MACBOOK PRO

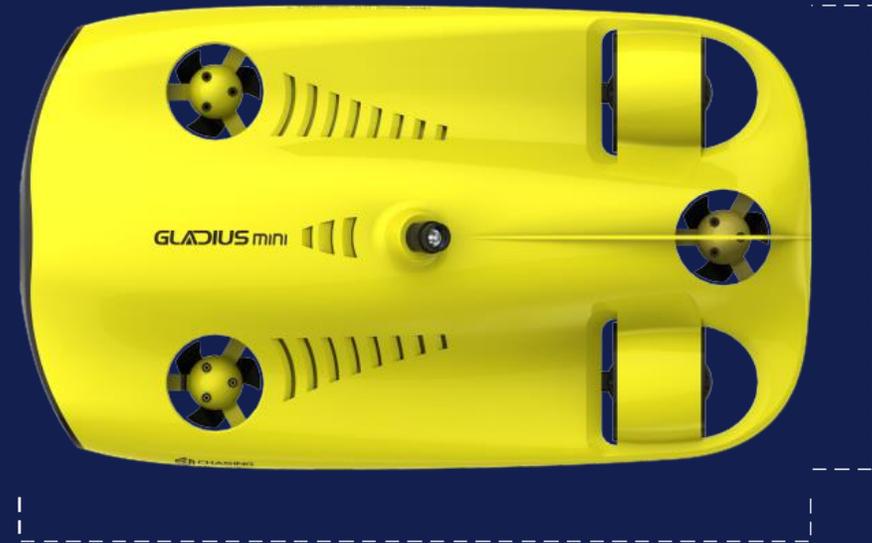
15" screen

9.4 in



13.7 in

## GLADIUS MINI



8.9 in

15 in



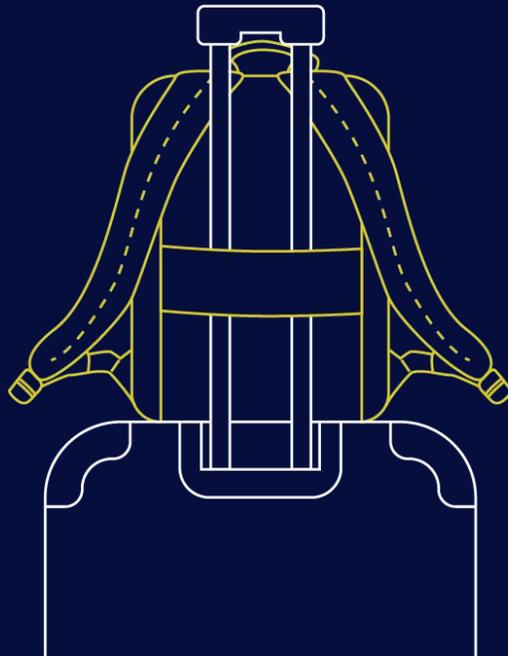
---

# Portable

Grab your backpack and start your adventure.

- Even in complex environments .
- Reflective strips protect you in the dark .

**Weight: <5.5lbs**

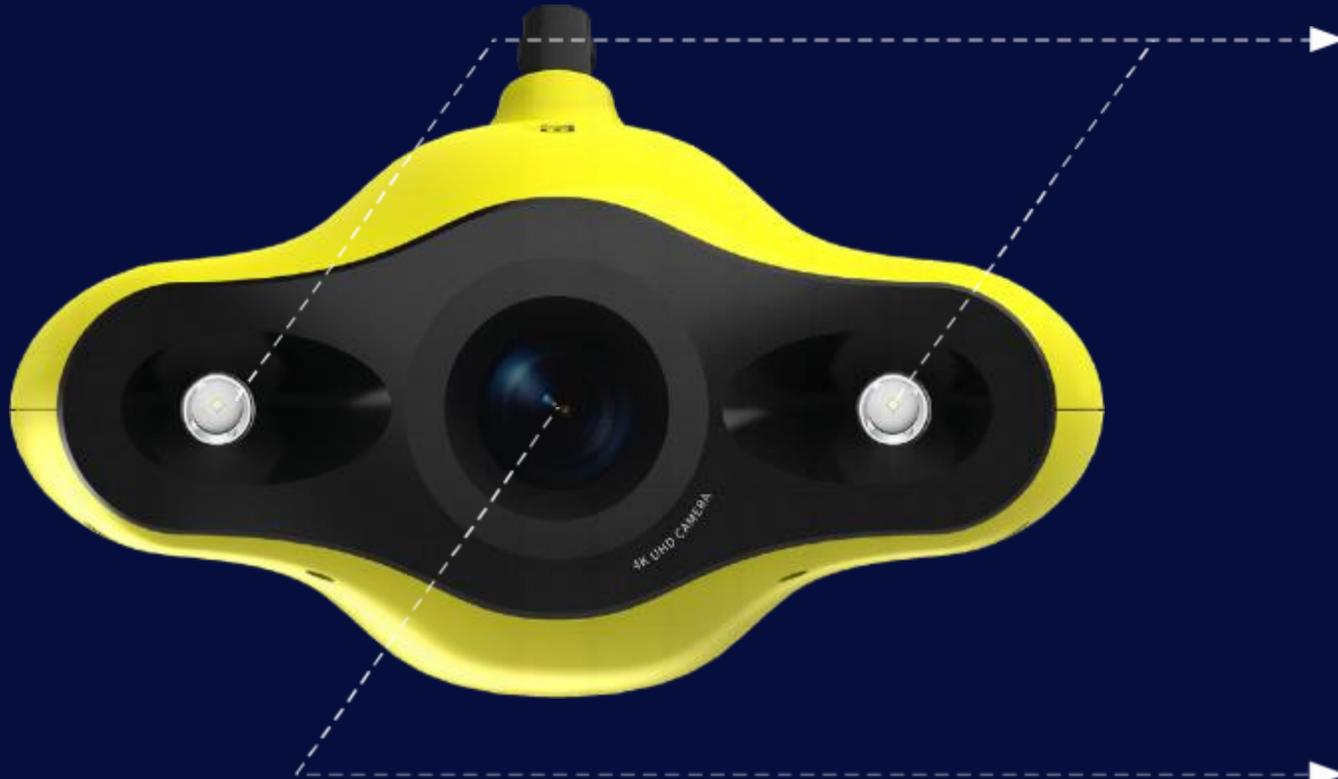


---

# 4K UHD Photography

Illuminate the underwater world.





## LED Lights

Brightness: 1200 lumens  
(Adjustable)

Color Temperature: 4500K  
CRI: 80

## 4K UHD Camera

Video Resolution: 3840\*2160 30FPS

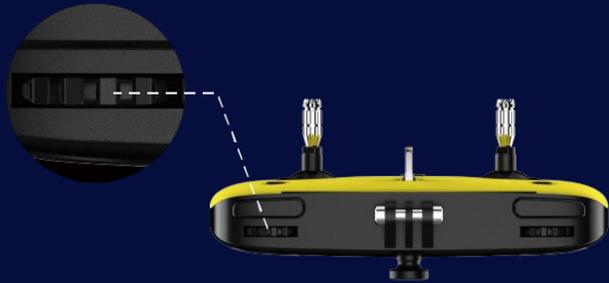
Photo Pixel: 12M

Lens: F2.8, FOV=95°

---

# Adjustable Tilt-Lock Mode

The drone's pitching angle can be adjusted by  $\pm 45^\circ$  while can move forward or backward in Tilt-Lock Mode.



---

# Depth-Lock Mode

The Depth-Lock mode can be set by One-Button on the controller. The drone can hover at a fixed depth in the water or is able to move vertically in this mode.



A man and a woman are on a boat in the ocean. The woman is wearing a blue bikini and scuba gear, including a mask and snorkel. The man is shirtless, wearing a grey baseball cap and scuba gear, including a mask and snorkel. They are both looking at a yellow GoPro remote control that the woman is holding. The background is a clear blue sky and blue ocean.

# Real-time Share

Show your underwater adventures to everyone.

# Live Stream Online

Let the whole world see your underwater adventure in real-time.

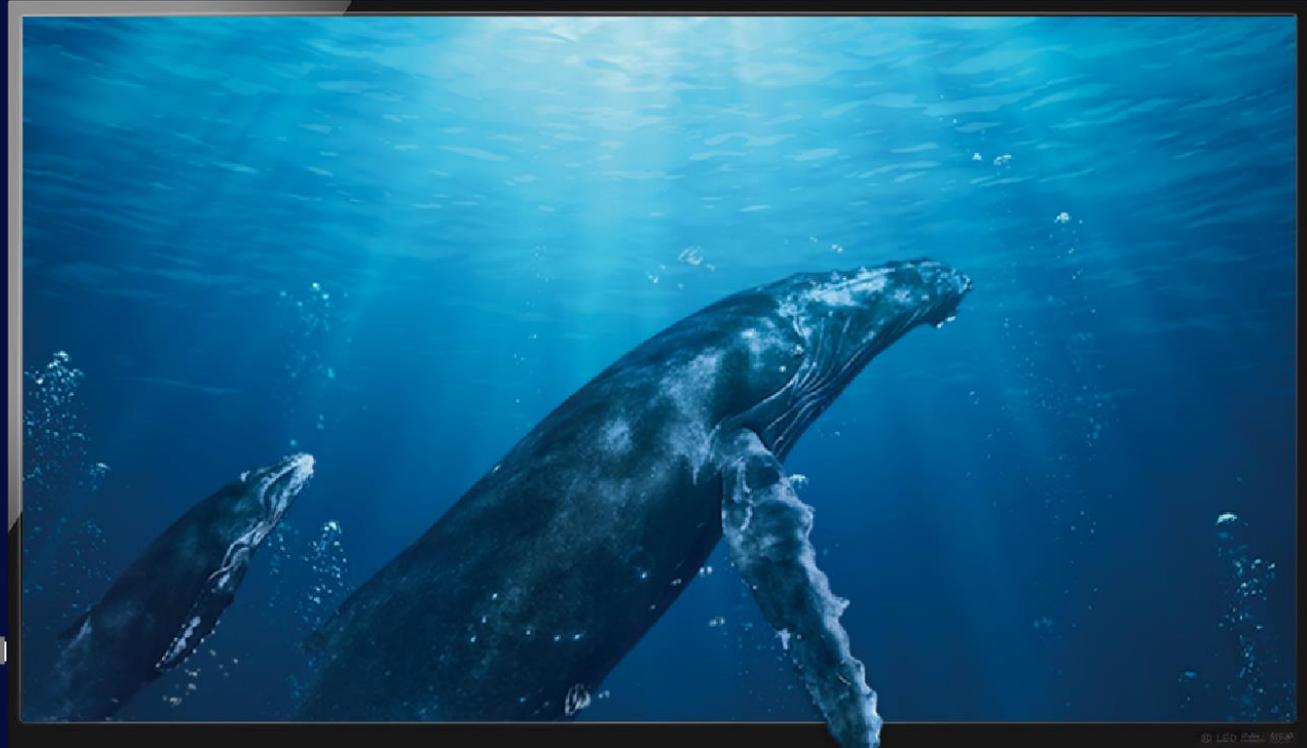


---

# Share on a Big Screen



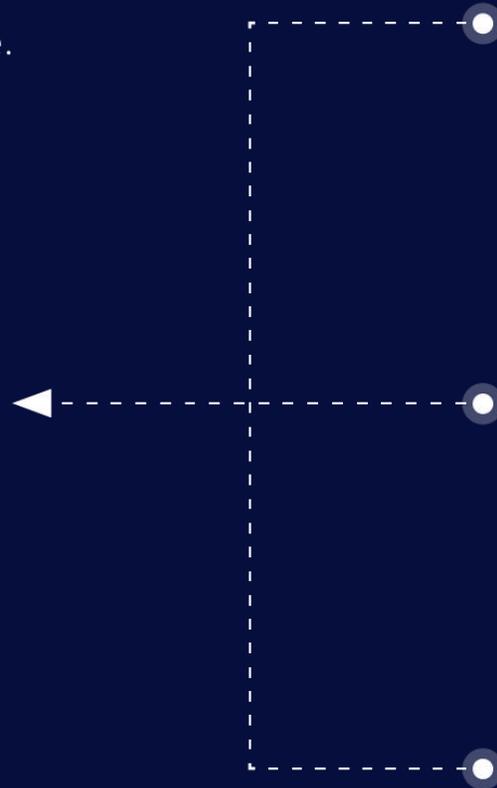
HDMI





# Share on Multiple Devices

Be able to support Max. three smartphones or tablets wirelessly connect to drone at same time. One as master device, and other two as slave devices (watch only).





---

# Explore

More Underwater Unknown

# Dive to 330ft

Dive deeper,  
More adventure.



165ft Tether (Default)

A screenshot of a video player showing a submersible drone at 100m depth. The video title is "100m Depth Test" and it has 1,750 views. The channel is "Gladius Submersible Drone" with 365 subscribers. The video description says "Gladius submersible drone can dive up to 100 meters." The video player interface includes a progress bar at 4:53 / 4:58, a red record button, and various control icons. The video content shows a green submersible drone at the bottom of a dark, murky water column with a depth marker of 100m.

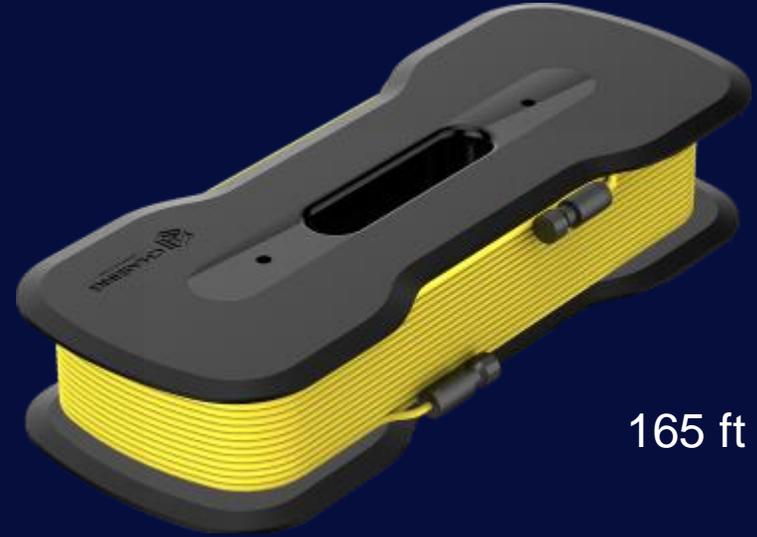
Click to [see](#) full video

---

# Replaceable Tether

Double connectors Default 165ft.

Allow users to change the tether and extend the cruise range and explore more of the unknown.  
(Optional 330ft or 660ft tether)



165 ft



330 ft



---

# Great User Experience

GLADIUS MINI is fun and easy to use.

---

# Game-like Controller

Support 5-inch phones to 12.9-inch tablets,  
Compatible with iOS and Android systems.

 iPhone  Android



---

# VR Immersive Experience

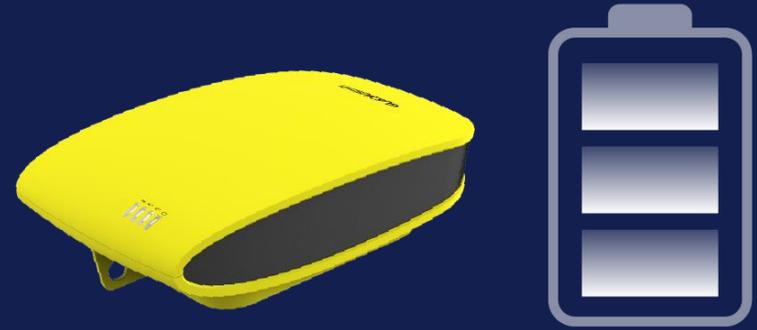


---

## Small Size, Long Battery Life



Charge 1.5hr,  
**2hrs of use.**



Charge 1.5hr,  
**5hrs of use.**



---

# Removable TF Card, Easy to Download.



TF card interface allow user to insert their TF card to download the photos and videos.

---

# Application For consumers

The image is a vertical collage. The top portion features a sunset over a beach, with a person in a wetsuit holding a surfboard. The bottom portion is an underwater scene with several divers swimming around a large, ancient Moai statue. The text 'Application For consumers' is overlaid on a dark blue rectangular area in the center.

# Traveling

Enjoy underwater adventure with family.



# Diving

Record your dives;  
create diving tutorial videos;  
scout dive locations safely.



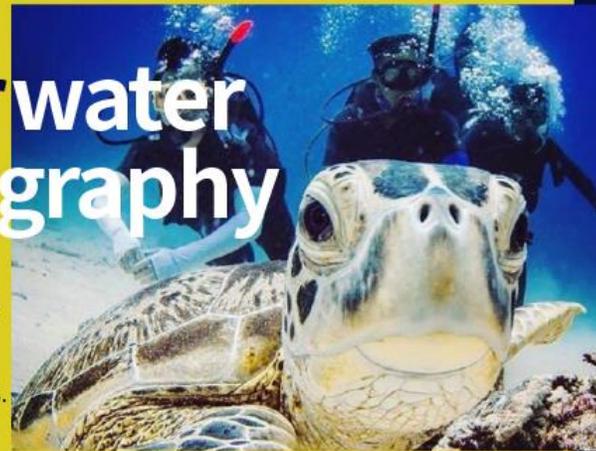
# Explore

Explore and search underwater wrecks, caves...



# Underwater Photography

Photograph something unique and share your creations with friends.





---

# Application For businesses



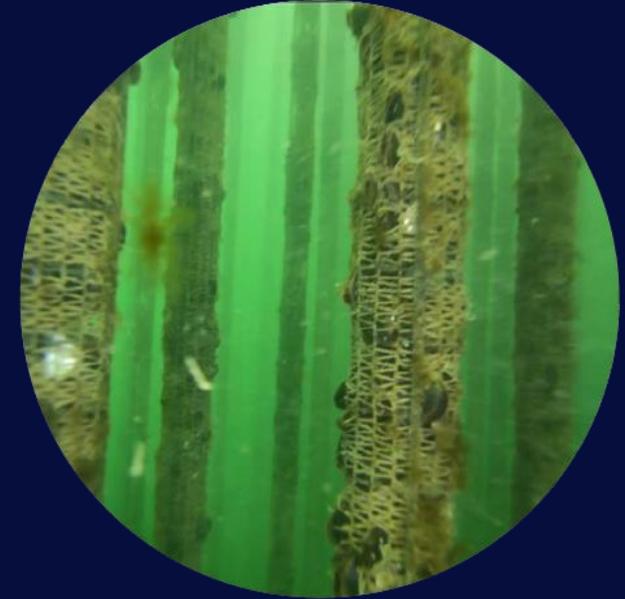
## Hull/Dock Inspection

Inspect your boat in the water;  
Ensure your safety before sailing.



## Safety Inspection

Dam/Underwater Pipe Inspection.



## Aquaculture

Monitor fish cages.

# Datasheet

## Drone

|                 |                  |
|-----------------|------------------|
| Size            | 8.9*5.4*15.2in   |
| Weight          | <5.5lb           |
| Max. Depth      | 100m             |
| Max. Speed      | 4Kn(79in/s)      |
| Battery         | 55.5Wh (5000mAh) |
| Average Runtime | 1.5H-2H          |
| Battery Cycle   | >300 times       |

## Wi-Fi Connector & Winder

|  |                                     |
|--|-------------------------------------|
| Wi-Fi Connector & Winder Weight<br>(does not include tether) | <3.3lb                              |
| Battery  | 22.2Wh (2000mAh)                    |
| Max. Runtime   | ≥5h (Depends on working method)     |
| Battery Cycle  | >300 times                          |
| HDMI Output  | Support                             |
| TF Card Recording  | Support                             |
| Wi-Fi Range  | <32.8ft                             |
| Tether Length  | 164 ft(Default. Support max. 660ft) |
| Break Strength   | 220lb (980N)                        |

## Remote Controller

|   |                   |
|---|-------------------|
| Working Frequency   | 2.4GHZ(Bluetooth) |
| Working Temperature   | -10°C~45°C        |
| Wi-Fi Distance<br>(between phone/pad and remote controller) | <32.8ft           |

## Camera

|                 |  |
|-----------------|--|
| CMOS            | 1/2.3 in   |
| Lens            | F2.8   |
| Focus           | 70mm to Infinity   |
| ISO Range       | 100-3200   |
| FOV             | 95°  |
| Max.Photo Pixel | 12M (4000*3000)  |
| Photo Type      | JPEG/DNG   |
| Video Pixel     | FHD: 1920*1080 30Fps<br>FHD: 1920*1080 60Fps<br>FHD: 1920*1080 120Fps<br>4K :3840*2160 30FPS |
| Video bitrates  | 60M  |
| Video Type      | MP4  |
| Storage         | 64G  |

## LED Lights

|                   |                |
|-------------------|----------------|
| Luminence         | 2X1200lumens   |
| Color Temperature | 4000K-5000K    |
| CRI               | 80             |
| Max.Power         | 10W            |
| Dimming           | Manual Dimming |

## APP

|     |         |
|-----|---------|
| APP | IF.DIVE |
|-----|---------|

## Charger

|                                 |          |
|---------------------------------|----------|
| Charger                         | 3A/12.6V |
| Drone Charging Time             | 1.5H     |
| Base Station Charging Time      | 1H       |
| Remark: One charger by default. |          |

## Sensor

|                    |                                       |
|--------------------|---------------------------------------|
| IMU                | 3 axis gyro & accelerometer & compass |
| Depth Sensor       | <+/- 0.5m                             |
| Temperature Sensor | +/-2°C                                |

# GLADIUS mini

## Conquer the Waters

 <https://www.facebook.com/GladiusUnderwaterDrone/>

 <https://www.youtube.com/channel/UCFDbJXE2CkvkLrE8v-2ZpZA>

 <https://www.instagram.com/gladiusunderwaterdrone/>

**Chasing-Innovation Co., Ltd**

 [www.chasing-innovation.com](http://www.chasing-innovation.com)

 [sales@chasing-innovation.com](mailto:sales@chasing-innovation.com)