

Underwater Inspection Drone



Available for rental
Including equipment,
operator, digital output
and reporting

- Lightweight
- Rapidly deployed
- 100 meter range
- 100 meter depth rating
- 4 knots speed
- 4K UHD camera
- 1,000 lumen lighting
- Color-correction filters
- Long life batteries



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Advantages

- Low cost
- Quick deployment
- Digital output
- Reduced inspection costs
- Infrastructure and tank inspections

Specifications and features

Underwater Drone

Dimensions: 404 mm (L) x 290 mm(W) x 114 mm (H)
Net Weight (Without Battery): 2.64 kg
Battery Weight: 760g
Depth Rating: 100m
Operation Temperature: -2°C ~ 35°C
Max Speed: 2m/s (~3.9knots)
Storage: 32G/64G
Thruster: 4 thrusters (2 horizontal, 2 vertical)
Battery: Smart 44.4 Wh Lithium Ion Battery, Over 3 hours' operation. Standard deployment includes two batteries for non-stop operation for up to 6.5 hours.

Lighting

Brightness: 1,000 Lumen LED lights
Camera: Provision for supplementary lights
Color Temperature: 6000-6500 (Cold Light)

Controls

Tablet: iOS
Interface: Dedicated WiFi hotspot

Camera

Lens: FOV 150°, f/2.8 (Wide angle)
Sensor: Sony
Video Processing Chip: Ambarella™ A12, up to 120fps.
Video Resolution: 4K: 3840*2160 30fps 16:9, 2.7K: 2704*1520 30fps 16:9, 1080P: 1920*1080 120fps 16:9, 1080P: 1920*1080 30fps 16:9
Image Size: 16M (4608*3456 4:3), 14M (4254*3264 4:3), 12M (4000*3000 4:3), 8.3M (3840*2160 16:9) ISO:100-3200
Burst Shooting: 3 P/s, 5 P/s, 10 P/s

Communication and Control Cable

Diameter: 3.8mm
Length: 100m on standalone spool
Weight: 0.6kg/1.1kg
Working Strength: 100kg

