

HydroView Sport Technical Specifications

Vehicle Power

Battery (Standard)	Lithium, 15V 10.5 Ah 2 Hours Run Time 12 Hours Recharge Time
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Mechanical/Physical Characteristics

Motors	3 Swiss Made High Torque Motors Precious Metal Brushed with 80% Efficiency
Weight	Dry: 9.5 lbs. (4.3 kg) (Weight before adding options) Wet: -0.05 lbs. (0.02 kg) (Salt water configuration)
Dimensions	14.6 in x 19 in x 7 in (37 cm x 48 cm x 18 cm) – W x L x H
Color	Safety Orange and Black
Cable	75 ft (23 m) Black Thermoplastic Elastomer Pressured 0.28 in. (5.77mm) RoHS compliant, hazardous industrial environment

Performance

Speed Battery Power	Up to 2 Knots (3.6 Km/h) forward Up to 1 Knot (1.8 Km/h) reverse
Depth	150 ft. (45m) cable dependent
Range	75 ft. (23 m) Cable

Video and Picture

[Pictures and Video may be stored on iPad, PC or Vehicle.](#)

Vehicle Memory	8 GB High Speed
Camera	Wide Angle Full 1080p HD (1920x1080), True HD quality 24bit color depth 16:9 Aspect Ratio Widescreen Format 130 degrees diagonal field of view Continuous Focus (20 cm to infinity / 9" to infinity) Automatic exposure control
Lights	10 LEDs – Cool White 260000 mcd (80 Lumens) 6800K Dominant Wavelength On/Off/Intensity controlled through App

Vehicle Processing

Processor Board	Super-scalar ARM Cortex-A8 Processor at 1 GHz Cortex C64X+ DSP Core 512MB DDR Ram
Operating System	Embedded Linux

User Applications

[Downloads available through Apple iPad Store and <http://www.aquabotix.com/softwaremanuals.html>](#)

iPad App (Free)	HydroView Pro (View and control vehicle, Manage and download Videos)
Windows (Free)	HydroView (View and control vehicle, Manage and download Videos)

Standard Features

Topside Box with LAN	Topside box with Ethernet Connector
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Carrying Case

Specifications	Waterproof molded ultra high-strength polypropylene copolymer resin with gasket for water and dust tightness. Submersible design spec MIL-C-4150J. Corrosion and impact resistant.
Size	22 in x 17 in x 8 in (56 cm x 43 x 20.3 cm)

Options Available for HydroView Sport

Mechanical/Physical Characteristics

Cable Extensions	75 ft (23 m) and 125 ft (38 m) Enables extended operational range
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Performance

Range	Additional range available dependent on cable selected
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Video and Picture

Vehicle Memory Storage	32 GB Memory
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Optional Accessories

Propeller Covers	Guards vehicle propellers from debris
Landing Gear/Buoyancy	Landing gear with weights for adjusting vehicle to local buoyancy environment
Game Controller	Game Style Controller with 2.4 GHz wireless connectivity. Customizable controls.