

# HydroView Pro PC App



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# **Getting Started**

- 1. Download the PC Application from the Aquabotix website at <a href="http://www.aquabotix.com/support\_downloads.php">www.aquabotix.com/support\_downloads.php</a>
- 2. Connect your HydroView to the topside box as described in the HydroView Pro User manual, available at <u>www.aquabotix.com/support\_manuals.php</u>
- 3. Aquabotix suggests the use of a Cat 5E cable for LAN connection between the topside box and your laptop. LAN connection provides 5X better performance than the WiFi connection. When using the LAN connection be sure to turn WiFi off on your laptop.
- 4. Once all connections are made, power on the HydroView. Then open the application.
- 5. Please note: The Performance Panel should **not be used** unless directed by Aquabotix Customer Service. This can cause damage to vehicle operations.





# Game Controller

Aquabotix recommends the use of a game controller with the PC Application. We recommend the Logitech F310 game controller. You may purchase a controller on our website: <a href="http://www.aquabotix.com/products.php?cat=27">http://www.aquabotix.com/products.php?cat=27</a> Please be sure that the dongle is inserted in the USB port for your laptop. If you do

not wish to use the game controller, remove the dongle and then restart the HydroView application.

Please note the button on the side of the controller must be selected to X (wireless remotes only).



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### Game Controller

The Game Controller is configurable to the user's preferences. This menu is accessed in the menu bar under tools > joystick setup.

Each button's controls can be changed using the dropdown menus.





#### **Overview of App Screen**



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# Feedback Icons



Sensitivity Setting %



Video Recording



Vehicle not connected



Video Recording Off



Vehicle Battery Power Low







Auto Depth Control



Hold Left Joystick



Hold Right Joystick



Data Recording On





#### Control panel



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# Vehicle Media

All media and data is stored on the vehicle's web server. This can be accessed through the control panel or the top menu bar. All media is time stamped using Zulu time.



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Photos/Video



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Data



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#### **Utilities** Panel



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# Depth Panel

Depth needs to be calibrated before each deployment. This calibration needs to be completed **at water level** on site. The calibration is in the utilities menu.

Utilities Panel	Metrics On	App Version 7.5 Vehicle Version 7.5 Payload Version P7.5 Force Update Manual Focus Calibration Distance Focus Level Focus 1 27.7?	20140606-00:25:18 COMMS CONNECTED VIDEO CONNECTED Calibrate Depth Offset ??.?? Vehicle Configuration Calibrate Compass Save Settings as Default	Click to calibrate depth	
		Focus 3       ?????        >         Focus 4       ?????        >         Focus 5       ?????        >         Focus 6       ?????        >         Focus 7       ?????        >         Save Values       Load Values	Game Controller Setup Use METRIC System Use GAMEPAD Invert Steering Automation Simulation		



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### Simulation

Simulation allows the user to see all panels open with all feedback icons shown.



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#### **Orientation Panel**



#### **Sensor** Panel

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2014060	6-00:28:15
Temp:	72.0 (F)
Depth:	1.3 (ft)
Power:	

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#### Forward/Reverse Thrust Panel





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# Video Repair

If a movie downloaded from the HydroView is unreadable or incomplete, the video repair utility can be used to fix the file.

- 1. Find and open the movie. The utility will analyze it.
- 2. Select the resolution and enter the save as information.
- 3. Click repair file.

pen Movie	C: \Users\durval\Download	ds\hv-150105-005150.mov	л
Progress:	-		
Size:	12949296	Elapsed time:	
Frames:	315	Format:	
Save as	C:\Users\durval\Download	ds\hv-150105-005150.mov	-720P.MOV
	Repair File	Resolution:	720P-1280x720

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This utility enables the bulk download of videos stored on the HydroView.

- 1. Click the movies list
- 2. Select the videos to download
- 3. Click download.

de Folders (sel	ect to refresh)		Video connection is disabled while this panel is open!	
Image List Movie List Data List		Data List	C: \Users\durval\Documents\HydroView	
List				
ONE -	Delete	Repair	Jownload Stop All	
Remote	e File Information		Size Progress	
hv-150105-	-004941.mov -005146.mov -004934.mov		2205762 781971 846131	

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