

# AirPointr Delivers Touchless Gesture Control for Raspberry Pi

The human hand becomes a natural, intuitive interface. Official camera modules can now be used to expand any Raspberry Pi project with touchless gestures.



Palo Alto, CA, March 11, 2016 – Myestro, a Palo Alto, CA-based leader in developing touchless human-computer interaction models, has released AirPointr, the first software-based touchless gesture control solution for Raspberry Pi. With AirPointr, developers can easily expand Raspberry Pi projects with “Minority Report-like” capabilities that allow users to control their device and applications with simple hand movements and touchless gestures.

Myestro has successfully demonstrated AirPointr’s natural and intuitive touchless gesture capabilities for Raspberry Pi devices with the MPD music player. <https://youtu.be/qHfgBwXH8ok>. For example, circular hand-motion can be used to adjust volume, swipe gestures enable song skipping, or you can transform your hand to a mouse-pointer.

AirPointr utilizes Raspberry Pi 2’s various hardware components, including the device’s quad-core CPU Cortex A7 and integrated video core IV GPU (Graphic Processing Unit) to deliver sophisticated touchless gesture control with minimal latency, superior accuracy, and extremely low power consumption. For example, Myestro takes advantage of the Raspberry Pi2’s graphics unit’s ability to

rapidly handle parallel calculation of floating point numbers to optimize AirPointr's performance. From a software perspective, AirPointr's modular software design supports easy porting to other platforms, and Myestro will announce additional touchless gesture-enabled hardware platforms in the near future.

Developers can find example projects and source code on GitHub.

<https://github.com/airpointr/raspberrypi>. In addition to Python support, Myestro provides examples of HTML5 using WebSockets.

The AirPointr software can be tested for free. Until the end of March, Myestro is offering an introductory discount on the full-featured version of AirPointr at: [www.airpointr.com/pi](http://www.airpointr.com/pi)

### **About AirPointr**

- Natural and intuitive touchless gesture control
- Supports embedded systems such as the Raspberry Pi 2 and 3
- Supports color and IR cameras
- SDK supports C/C++, Python and HTML5

### **About Myestro**

Founded in 2013 in Karlsruhe, Germany, Myestro Interactive develops and delivers stereo and mono-vision solutions. The company has offices in Palo Alto, CA and Karlsruhe, Germany. Myestro focuses on automotive and industrial electronic segments.

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