

# FlipRobot E310 Plus - The First and Only to Offer AIoT Combining Artificial Intelligence with the Internet of Things

The Latest in AIoT Technology On Offer

Sydney, New South Wales – 2019

- Local Australian company is the first to offer AIoT revolutionary robotic model.
- The latest in Artificial Intelligence technology on offer.
- Company offers the ultimate formula for success.

Local Australian company, Actura has just released its FlipRobot E310 Plus model. The company is the first and only to offer AIoT technology – combining artificial intelligence with the internet of things. The latest in technology is on offer for students to develop their STEAM robotic learning skills. Talent can only grow when the right tools are provided and the latest in Actura's FlipRobot AIoT technology provides students with the best technology to develop their robotic, coding and technical skills.

Local company Actura, with its leading FlipRobot hardware and software is the leading robotics and coding technology solution provider. With the AIoT technology on offer through its FlipRobot robotic models - combining two technologies that dominate the technology industry – the Internet of Things (IoT) and Artificial Intelligence (AI), Actura is a stand-out in the STEAM education field, particularly with the release of its E310 Plus model. The convergence of AI and IoT is set to redefine the future of industrial automation and lead to the industry 4.0 revolution. In context of FlipRobot and its practical applications, the cutting-edge technology of AIoT means an algorithm can be designed that when one robot's humidity sensor's reading exceeds a certain value, then four other robots move to their designated locations. In agricultural settings, this enables things like machine-to-machine communication to avoid adverse weather conditions, for example, cyclones. Through robotic sensors, and cloud-based modules, the possibilities are endless – visual recognition and voice recognition all become possibilities.

With FlipRobot's E310 Plus Bluetooth module, students are able to upload code anytime, wirelessly on either their desktop, laptop or ipad (with all FlipRobot products). With many educational learning factors, students will be able to appreciate the considerations that companies must content with. These issues in the near future include latency, power, security and privacy concerns. This will provide students with insight for discussion in the classroom. FlipRobot's STEAM robotics solution helps students develop the capabilities of creativity, critical-thinking, collaboration, cooperation and communication to overcome challenges for the 21st century.

IoT and AI are two independent technologies that have a significant impact on multiple industry verticals. While IoT is the digital nervous system, AI becomes the brain that makes decisions which control the overall system. The powerful combination of AI and IoT brings us AIoT – Artificial Intelligence of Things, that delivers intelligent and connected systems that are capable of self-correcting and self-healing themselves. The promise of AIoT involves examining the evolution of connected systems. Cloud computing provides three key aspects to connect systems – connectivity, storage and computing. Apart from machine-to-machine messages to each other, these devices send telemetry data to the cloud that was ingested and stored centrally.

As the leading provider of robotics and coding technology in the STEAM education area, Actura's release of the FlipRobot E310 Plus model hardware and accompanying software sets the tone for the future of technology and innovation; with cutting-edge technology on offer. Students will be able to be empowered for their future success through utilising this latest technology. Actura is a strong proponent of the belief that talent can only grow when the right tools are provided – and being able to release the latest in AIoT technology makes Actura a stand-out in its field.

"Actura's formula to help students achieve future success is: success = talent + Attitude + passion + opportunity. Our strategy is working. We continue to provide and release that latest in hardware and robotics technology to facilitate students to harness their talent".

Charles Chung, CEO, Actura

Established in Australia in 2014, Actura provides the leading STEAM learning solution comprising of in-class to out-of-class solutions. Actura is the exclusive global partner of the California Association for STEAM Education (CASE). Headquartered in Cupertino, California, CASE was established by educators, industry leaders and entrepreneurs to advocate excellence in STEAM education through the development and implementation of innovative in-classroom curriculum and extra-curricular education programs.

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