

Gension®

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Gension Innovation Co., Ltd.

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A photograph of a modern, multi-story office building with a dark facade and large windows. The word "Gension" is prominently displayed in white on the dark upper portion of the building. The sky is blue with light clouds. In the foreground, there are green trees and a white van parked on the street.

Gension[®]

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Company Profile

Registered in 2000, Gension is a company integrating design, R&D and sales of broadcasting, film and TV supporting equipment.

Gension has a wide range of high-quality camera supports. There are six product series: Studio Camera Movement Robotics, Tripods, Camera Cranes, VR Tripods and Cranes, Telescopic Cranes and Intelligent Accessories. Gension Innovation Co., Ltd. is responsible for marketing in both Chinese and global markets.

Gension's headquarters and R&D center are located in Beijing. At present, Gension's R&D technology has been leading other similar products at home and abroad and has been widely adopted in the film, television, and new media industries. We engaged in the television broadcast of many large-scale international events including the 2008 Beijing Olympics, the 2009 World University Winter Games, the Guangzhou 2010 Asian Games, and the 2011 Shenzhen Universiade. Additionally, As a result, Gension has received unanimous praise from domestic and foreign broadcast teams and camera crews.

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GS-RR-PRO/VR Studio Track Robotics

The studio track robotics has a 1.35m~2.18m auto-lift column and a rigid fluid head with high torque motors. Cameramen are allowed to use any type of long lens for auto zoom and focus thanks to these independent lens controllers.

Main Features

- AI human body auto tracking
- Space positioning auto shooting
- Three camera studio visual motion ecosystem
- Dealing with temporary changes in shooting mode
- Highly precise VR tracking data and strong stability

Tech Specs

Name	GS-RR-PRO	GS-RR-VR
Fluid Head Type	L Type Head, 2 Axis, Built-in Brushless Motors and Encoders	L Type Tracking Head, 2 Axis, Built-in Brushless Motors and Encoders
Pan Speed	0.01~60°/s	
Head Payload	25Kg	
Max Lifting Speed	1.18m/s	
Max Track Speed	1.8-3.5m/s	
Lifting Range	0.84m	
Min Lens Ht (Upward)	1.27m	
Max Lens Ht (Upward)	2.11m	
Min Lens Ht (Downward)	1.31m	
Max Lens Ht (Downward)	2.15m	
Head Tilt Angle	+45° ~ -45° (Upward) ; +45° ~ -50° (Downward)	
Dolly Type	Square Shapped Dolly with 16 Wheels	
Dolly Size	Length:0.80m; Width:0.55m	
Weights	55Kg	
Track	Track Width:420mm; Track Diameter:42.2mm	
Operation Model	Remote Control Panel	
Power Input	AC 220V/10A, 50/60 Hz	
Power Out	DC 15V/3A	
Operating Power	1.25 KW	
Lifting Encoder Accuracy	None	1,120,000 c/r
Head Encoder Accuracy	None	2,090,000 c/r
Lens Encoder Accuracy	None	Lens Controllers: 32,768 c/r
Compatible Lens	Full-servo, Semi-servo Fujinon and Cannon Lens; or Lens Controller for Cine Camera, DV Camera or DSLR Camera	



GS-RR-PRO/VR >>>> Track Robotics

Working Table

It can be setup on the ground or under the ceiling, so studios could make decision at the very beginning of studio designing. GS-RR can run on both straight and curved tracks with very precise positioning features. This robot is quiet in running and can team up with other shooting equipments to be controlled by one panel. Therefore, the cameraman is able to sit down well to manage multi-camera controls remotely.



For better picture quality, a digital gyro-stabilized head can be mounted that would be more excellent in fast moving stage shootings. The robot is fully moduler designed, therefore the fluid head can be directly setup on the dolly for short angle shooting.

