

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 top edge of the building. In the foreground, there are several green trees and a white van parked on the street. The sky is blue with some clouds.

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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Professional Robotic Crane

GS-RC camera crane robotics is a highly advanced equipment for small studio shooting environment. People have 3 control models with it: Auto track shooting, remote control by pan bar or working table as well as hand controls. Purpose of this design is to reduce human force participated in a picture production, and to allow the production process more stable and easier.

Tech Specs

Name	GS-RC-3PRO
Fluid Head Type	L Type Head, 2 axis, Built-in High Torque Motors and Encoders
Pan Speed	0.01~60°/s
Head Payload	30Kg
Total Length	2.90m
Front Length	2.20m
Rear Length	0.70m
Crane Ht on Level Pst.	1.40m
Lens Ht on Level Pst.	1.10m
Max Lens Height	2.50m
Crane Tilt Angle	+50° ~ -50°
Dolly Type	Four Wheel Square Dolly with Screw Supports
Dolly Size	Length: 0.90m; Width: 0.80m
Total Weights (Without Balance Wts)	165Kg
Balance Weights	50Kg
Operation Model	Remote Control by Operational Panel or by Manual Handles
Power Input	AC 220V/10A, 50/60 Hz
Power Out	DC 15V/10A
Operating Power	1.55 KW
Crane Encoder Accuracy	2,700,000 c/r
Head Encoder Accuracy	2,700,000 c/r
Lens Encoder Accuracy	Lens Controllers: 32,768 c/r
Compatible Lens	Full-servo, Fujinon and Cannon Lens

NOTE: This product is available in 4 metre, 5 metre and 6 metre lengths.

Main Features

- Auto track shooting
- Mute process
- Rich motion control functions
- Three camera studio motion ecosystem
- Dealing with temporary changes in shooting mode
- High load-bearing head



GS-RC-3PRO >>>>> Robotic Camera Crane

Working Table

To work with the robotic camera crane in a studio, cameraman should pre-set the desirable camera positions on the working table. It support as much as 8 programs and 20 positions for shooting. In the auto arm mode, you can press these points so the crane will move and with lens always looking at the target.



GS-RC has a smart crane arm pan and tilt unit by putting duo-quality-motor and encoders inside. It moves the crane as pre-located camera positions on the working table. You can have 3 types of moving curves from point to point which gives more vivid picture than liner movement.

Pan Bar Control Mode

This part has a screen to indicate all necessary data for both equipment condition and VR tracking information. Cameraman can easily turn this robotic into a regular hand controlled crane by settingup a pair of handle and unlock pan& tilt brakes.

