

# 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 building is surrounded by trees and parked cars. The sky is blue with some clouds. The word "Gension" is visible on the building's facade.

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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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### A camera crane but smarter

Gension has developed a cutting edge encoding system for camera cranes with top performance for picture artists which to meet their request on more vivid video creation. All spin axis are equipped with high precision encoders to the crane arm and remote head positions, as well as lens controls, that perfectly deliver data with international commonly used tracking interface, Gension developed a superior but much affordable solution to broadcast users.

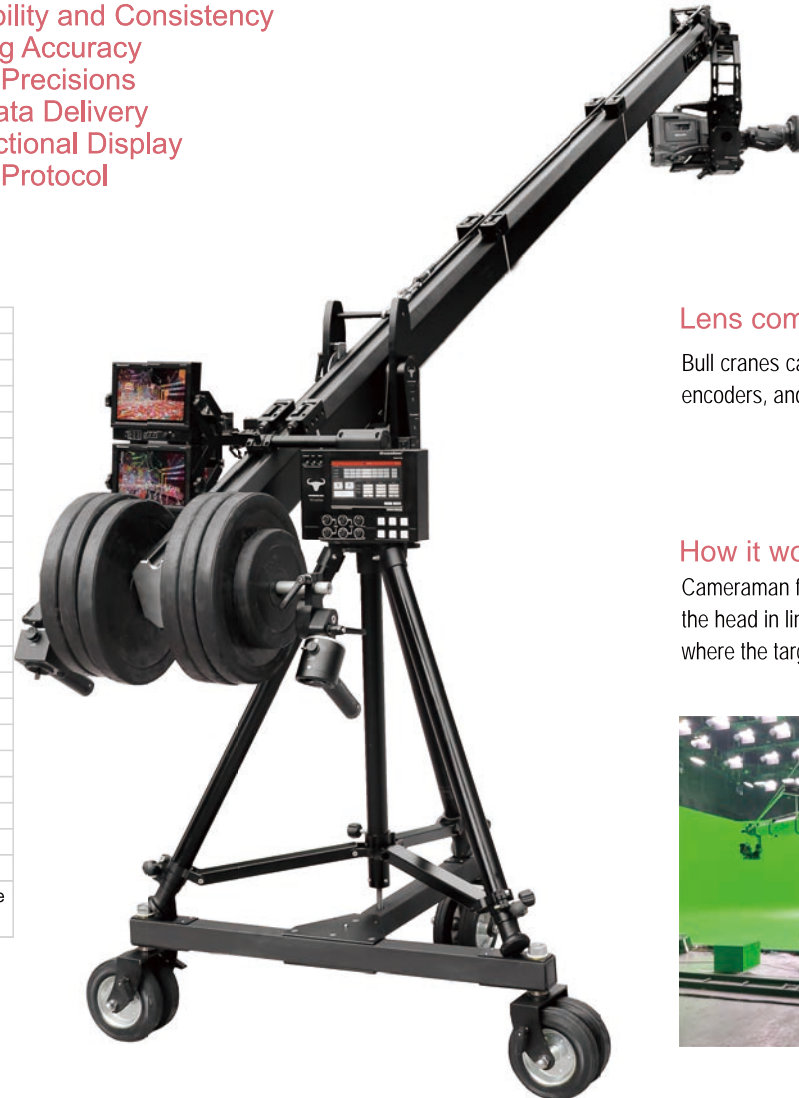


### Main Features

- Quick Calibration
- Easy Control
- Compatibility and Consistency
- Machining Accuracy
- Tracking Precisions
- Stable Data Delivery
- Multi-functional Display
- Tracking Protocol

### Tech Specs

Name	3VR	5VR	6VR	8VR	10VR
Fluid Head Type	L Type Head, 2 axis, Built-in Motors and Sensors				
Pan Speed	0.01~60°/s				
Head Payload	25Kg				
Total Length	3.40m	5.20m	6.40m	7.60m	9.40m
Front Length	2.55m	3.60m	4.65m	5.70m	7.20m
Rear Length	0.85m	1.60m	1.75m	1.90m	2.20m
Max Lens Height	2.85m	3.80m	4.70m	5.55m	6.80m
Crane Ht on Level Pst.	1.54m				
Lens Ht on Level Pst.	1.21m				
Crane Tilt Angle	+55° ~ -55°				
Dolly Type	T Type Dolly, 3*2 Duo-Wheels, 200mm Wheel Diameter				
Dolly Size	1.44m Diameter				
Weights (No Balance Wts)	96Kg	100Kg	105Kg	112Kg	140Kg
Balance Weights	60Kg	80Kg	90Kg	100Kg	130Kg
Operation Model	Solo Control with Two Handles				
Power Input	DC 15V/10A				
Power Out	DC 15V/10A				
Operating Power	50W				
Crane Encoder Accuracy	2,700,000 c/r				
Head Encoder Accuracy	2,700,000 c/r				
Lens Encoder Accuracy	Outer Encoder: 8,192 c/r; 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-CamCranes-3VR/5VR/6VR/8VR/10VR

### >>>>> VR Tracking Cranes

### Digital remote control handles

These nicely designed handles are with simplification style. Joysticks on the one, zoom and focus on the other, with all function buttons at the bottom in case of damaging. They can be swap for people's convenience.



### Lens compatibility

Bull cranes can control almost all brands of lenses including Full or Semi-Servo Cannon and Fujinon, DVs, etc. It reads lens data directly from inside or with outside encoders, and feedback to software. The head is with top quality motor and precise mechanical decelerator which gives perfect noise control and silky movement.

### How it works

Cameraman firstly select a target point in the environment, by looking at the screen, lock it. The fluid head will recognize where the target is, and automatically move the head in line with the arm positions. If change to another target, the cameraman will unlock the first, and move to the new, still lock it again. People also can adjust where the target is locating in the picture by pushing joysticks, this target will move at slower speed till your needs.

