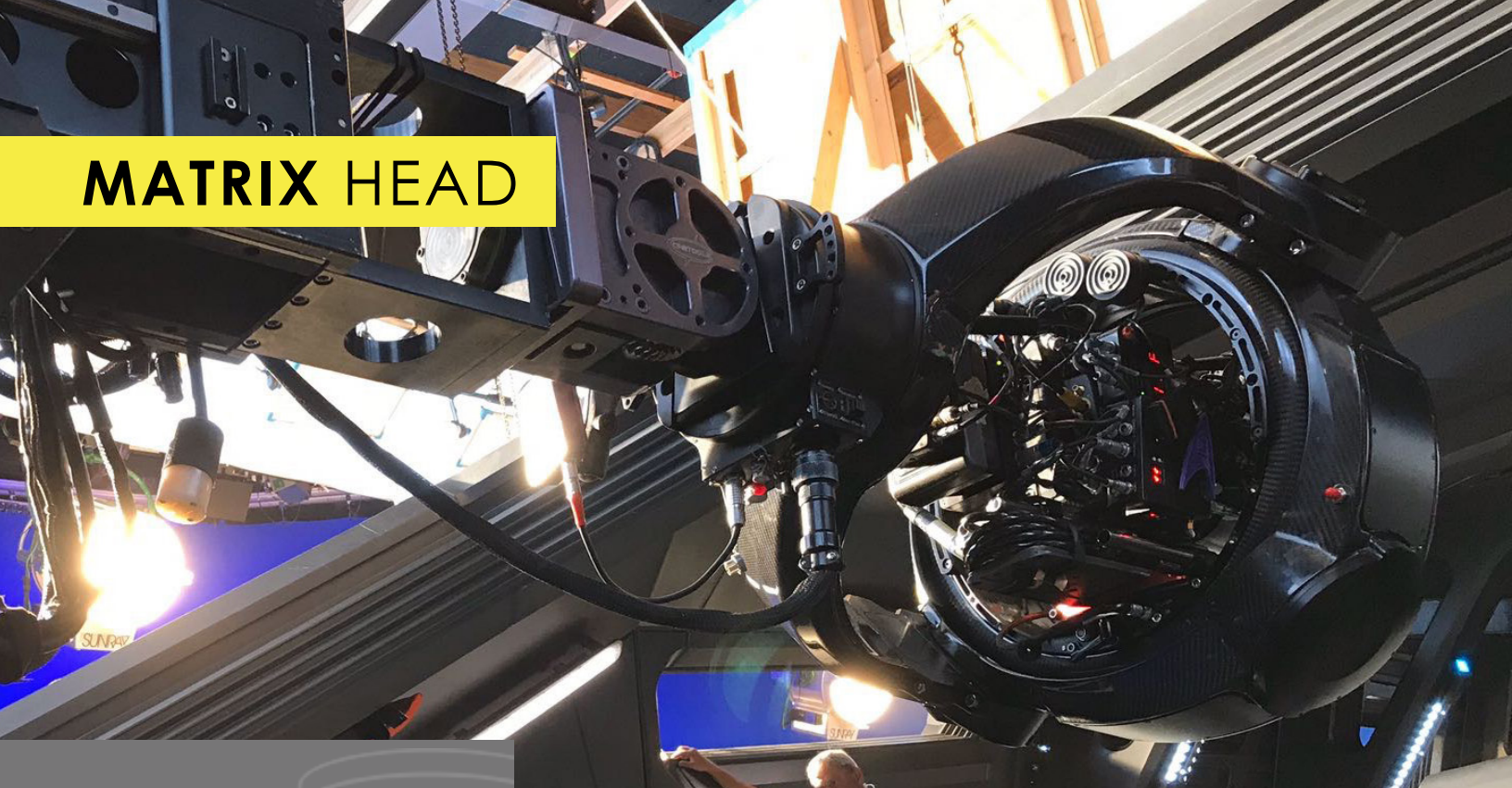


# MATRIX HEAD



## 4-Axis Polarity

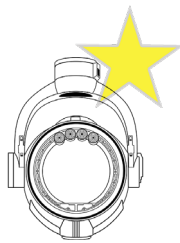
The Matrix is a 4-axis gimbal that features an open architecture and one redundant axis. This allows the gimbal to be mounted in any orientation and still maintain polarity of pan, tilt, and roll without gimbal lock. It is the only 4 axis gimbal to offer 360 degrees continuous roll without a patch cable between the twist and tilt axis. It can achieve true nodal on a majority of camera packages.

"Image Relative" mode allows you to operate in relation to the image on the monitor and does not relate to earth's horizon. "Earth Relative" mode acts in relation to earth's horizon and will always maintain a level horizon even in G-Force conditions.

## SPECIFICATIONS

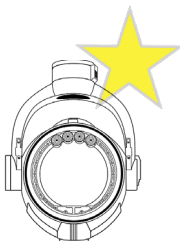
### Dimensions

The minimum height is 28" (71 cm), the minimum width is 24.5" (62 cm) and the minimum depth is 6.5" (16.5 cm).



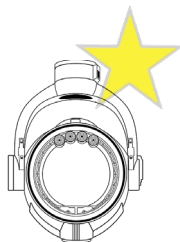
### Weights

The head weighs 68 lbs (30.8 kgs), and can carry 100+ lbs (45+ kgs) max payload.



### Ranges

Pan, tilt, and roll ranges are limitless  $\pm 360^\circ$  rotation at max speeds up to 200°/sec.



### Technical

The first 4-axis gimbal to feature an app-based control system that allows for quick software upgrades and modifications. It can be operated using handwheels, a joystick, wireless controls, programmable mimic mode, or a pan bar.

**CREATIVITY IN REACH<sup>®</sup>**

[www.procamrentals.com](http://www.procamrentals.com)

(818) 717-0354

[marketing@procamrentals.com](mailto:marketing@procamrentals.com)



# MATRIX HEAD

STABILIZED **Yes**  
WEIGHT **68 lbs (30.8 kgs)**  
MAX PAYLOAD **100+ lbs (45+ kgs)**  
RANGE **Pan/Tilt/Roll  $\pm 360^\circ$  Continuous**  
MAX SPEED **Pan/Tilt/Roll 200°/sec**

MINIMUM HEIGHT **28" (71 cm)**  
MINIMUM WIDTH **24.5" (62 cm)**  
MINIMUM DEPTH **6.5" (16.5 cm)**

