



The Robust PTZF Camera Head

TITANIUM

CAMERA ROBOTICS

PRODUCT INFORMATION SHEET



TITANIUM ROBOTIC HEAD

Titanium is Hybrid's robust PTZF camera head, designed to support high payloads such as Teleprompters.

Hybrid's robotic product line is focused on one commitment: Precision.

In fact, the technology it relies on is so precise that camera moves may be predicted and anticipated to produce the exclusive unique feature known as Zero Delay. With this feature, neither video or audio delay is required.

- All robots are controlled by the Cobalt panel, but may also be driven by the Mercury software graphic and user-friendly control interface.
- All robots are designed to provide perfect replicable motion, with variable adjustable speeds.
- All robot data can be exported for further 3D use (post-production, repeatable motion, etc.)

Set-up is easy. Once the physical studio is measured and the cameras positioned, the calibration process is straightforward and can be accomplished in minutes.

Simply aim the camera on a few targets in the studio, save the positions, and the virtual set is registered. Data communication is based on the reliable vehicle CAN protocol, which guarantees the overall precision and strength.





- Can be operated manually or robotically
- Completely silent
- Designed to support broadcast cameras and teleprompters



TECHNICAL SPECIFICATIONS

- Mechanical travel - pan: 340°
- Mechanical travel - tilt: 340°
- **Maximum speed:** $140^{\circ}/\text{sec}$
- **Minimum speed:** $0.02^{\circ}/\text{sec}$
- **Minimum speed:** $0.02^{\circ}/\text{sec}$
- **Acceleration:** $1400^{\circ}/\text{sec}^2$
- **Repeatability:** 1.2 arcmin
- **Resolution:** 1.5 arcsec
- **Maximum payload:** 40 kg / 88 lbs
- **Weight:** 22kg / 48 lbs



ABOUT CHYRONHEGO

ChyronHego, a portfolio company of Vector Capital, is a global leader in products, services, and solutions for the broadcast and sports industries. Specializing in live television, news, and sports production, ChyronHego offers some of the industry's most widely deployed solutions — including Lyric®, the world's most popular broadcast graphics creation and playout offering; the all-new CAMIO® Universe newsroom workflow; and TRACAB® Optical Tracking, the global leader in optical sports tracking systems as well as Click Effects, the most proven and versatile stadium broadcast family of graphics products. Headquartered in Melville, New York, ChyronHego also has offices in the Czech Republic, Denmark, Finland, Germany, Mexico, the Netherlands, Norway, Singapore, Slovak Republic, Sweden, and the United Kingdom.

For more information on ChyronHego, visit www.chyronhego.com.

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