

PRODUCT INFORMATION SHEET



PLUTONIUM

HYBRID'S TRACKING SOLUTION

TIGHT INTEGRATION BETWEEN REAL AND VIRTUAL CAMERAS

Hybrid's top-of-the-line virtual set tracking solution, Plutonium, combines power and precision. Tracking solutions provide real-time, precise camera motion within 2D or 3D computer-generated backgrounds. From hand-held, XYZ movements to PTZF, Hybrid employs an open and scalable solution for tracking virtual reality - whether using Hybrid's precise motion tracking robotic camera support, or interfacing with any of the third-party tracking systems available.

Hybrid's robotic tracking systems employ "Zero Delay", which means there isn't a requirement for video and audio delay. Hybrid provides a set of tools for the most accurate and flexible calibration, which is critical during set up and live production.

Plutonium's real-time graphic engine is Krypton. Based on the OpenGL standard, which ensures compliancy and fast evolution, Hybrid's core rendering engine allows impressive, realistic and real-time graphic effects.

“
HYBRID PROVIDES
A SET OF TOOLS
FOR THE MOST
ACCURATE
AND FLEXIBLE
CALIBRATION...
”



KEY FEATURES

- Integrated with most of the existing external tracking devices such as Mo-sys, Motion Analysis, Vinten, etc.
- No video/audio delay when combined with Hybrid's robotic tracking support systems
- Rendering of 3D virtual set and graphics from the same rendering engine
- High accuracy calibration and camera tracking tools
- HD and SD Formats supported
- All types of movements are supported from handheld to jib movements
- Flexible production workflow
- Integrates seamlessly with automation and vision mixers
- Multiple Inputs/Outputs
- Powerful graphic and special effects capabilities
- Multi layering

ABOUT CHYRONHEGO

ChyronHego is a global leader in products 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 production workflow; and the TRACAB® optical sports tracking system.

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. Chyron Corporation and Hego Group completed a merger in 2013 to form the collective ChyronHego brand.

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

CONTACT CHYRONHEGO SALES AND SCHEDULE A DEMONSTRATION TODAY @

NORTH AMERICA

+1 631 845 2096 | noram@chyronhego.com

EMEA

+44 208 996 9930 | emea@chyronhego.com

LATIN AMERICA

+1 305 972 1396 | latam@chyronhego.com

ASIA/PACIFIC

+65 97266058 | asia@chyronhego.com

JOIN THE CONVERSATION ONLINE WITH CHYRONHEGO @



facebook.com/chyronhego



twitter.com/chyronhego



linkedin.com/company/chyron



youtube.com/chyronmelville

www.chyronhego.com

Copyright 2016 ChyronHego Corporation. All rights reserved. ChyronHego is a trademark of ChyronHego Corporation. All other tradenames referenced are service marks, trademarks, or registered trademarks of their respective companies. Specifications subject to change without notice.

MORE INFORMATION ABOUT PLUTONIUM AND THE FULL PRODUCT LINE:

[HTTP://CHYRONHEGO.COM/FAMILY/HYBRID-VIRTUAL-STUDIOS](http://chyronhego.com/family/hybrid-virtual-studios)