



Zero Delay Traveling Rail
With A Versatile Rail Length
Between 2 And 6 Meters

ROBORAIL ZERO

CAMERA ROBOTICS

PRODUCT INFORMATION SHEET

STRAIGHT CAMERA RAIL SYSTEM



DESIGNED FOR PRECISE VERTICAL OR HORIZONTAL MOVEMENT WITH ENG CAMERAS

This space-friendly solution for travelling shots comes with an easy to install monorail and a Silver robotic head.

Following the successful co-operation with Mo-Sys on the StarTracker, ChyronHego and Mo-Sys present an exclusive version of the Mo-Sys “RoboRail” with tight integration to the Hybrid AR/VR line of products including the unique “zero delay” feature that eliminates the needs for audio delays in virtual studio and augmented reality setups.



VERSATILE

The RoboRail Zero is a cost-effective solution for linear traveling shots. Less complex than a big truck or a dolly it features a horizontally or vertically installed monorail - with a length of up to 6 metres - that can be bolted to the wall, ceiling or floor, giving plenty of options for dynamic viewpoint changes. With a compact footprint, RoboRail Zero saves studio space and is easy to set-up.

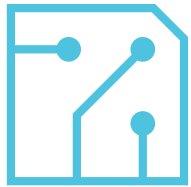
COMPACT

With a slow travelling viewpoint, you can enhance your news and interviews. And, with its compact size, RoboRail Zero can be used to reach areas that are hard to get to with standard camera systems - such as a revealing shot 6 metres above the ground. Using RoboRail Zero eliminates the need for an expensive and large telescopic crane, with two operators and a

lot of real estate. Using RoboRail Zero along an anchor news desk can enhance a presentation by adding Augmented Graphics with zero video/audio delays.

CONTROL

RoboRail Zero can be controlled via ChyronHego's preferred Robotic Controller Cobalt or Software automation via Live Assist Panels, or even be part of a newsroom computer system workflow where all RoboRail Zero motions can be templated into your preferred NRCS system and be recalled using our playlist sequencer ISQ part of the CAMIO universe.



TECHNICAL SPECIFICATIONS

- **Payload:** 9kg / 20lbs.
- **Maximum length of the rail:** up to 6 meters
- **Acceleration:** approximately 10 m/s
- **Resolution:** 1.30 μm
- **Min Speed:** 0.5 mm/s
- **Max Speed:** 0.35 m/s @ 24V; 0.70m/s @ 48V



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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