



Engineered for Performance.

Designed for Speed.

VIRTUAL FOOTBALL

PRODUCT INFORMATION SHEET

VIRTUAL GRAPHICS FANS LOVE

Virtual Football is a powerful, yet easy-to-use system for inserting virtual graphics on the football (soccer) pitch or in-stadium via the primary camera as well as off-side cameras. Based solely on advanced image processing, Virtual Football doesn't require camera sensors or special camera heads. A built-in keyer is designed to overcome harsh environmental effects, such as shadows and bright sunlight.

Virtual Football comes with an array of tools designed to creatively enhance your live football production. Tools include team or commercial logos on the pitch, distance to goals and defenders in a free kick situation, a built-in disc recorder for off side lines replay, real-time ball speed and of course, the ability to add your own graphics.



UNMATCHED SPEED OF SET-UP

Virtual Football is designed with live OB production in mind and it requires only a single operator.

You will be amazed by the ease and speed in which Virtual Football can be readied for action. Simply connect the video in and out, start the application, follow the quick step-by-step set-up guide and you are ready to go!

ONE UNIFIED PLATFORM

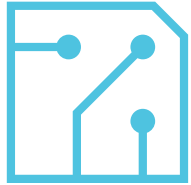
In today's ultra-competitive sports production environment, you need the flexibility to be ready for any game at any time. ChyronHego has you covered.

Virtual Football, Virtual Placement and Virtual 1st run on the same unified platform. Any one, two, or three of these applications is just a click away. Whether you operate an OB Van or fixed facility, you will save valuable time and money with ChyronHego's Unified Platform.





- Powered by advanced image processing.
- Extremely quick to set-up. Connect, Start and Go!
- Designed for a single operator in a live production environment.



TECHNICAL SPECIFICATIONS

- Please refer to the Installation Guide for detailed technical specifications and installation instructions.

BASE SYSTEM CONFIGURATION

- Microsoft® Windows® 7 Ultimate 64-bit O/S
- Quad-Core Intel® Xeon® Processor
- 8GB RAM
- NVIDIA® Quadro® K2000 Professional Series Graphics Accelerator
- 200GB SSD System Storage
- Video Storage HD (Need capacity and type)
- Keyboard and mouse

POWER

- 2 x 740 Watt Redundant AC-DC high-efficiency power supplies
- AC Input 100-240V, 60-50Hz, 9 Amp Max, 3.2 Amps @120VAC Typical

DIMENSIONS

- The system chassis mounts in a standard 19 in. rack.
- Height: 2RU, 8.9cm/3.5in.
- Width: 43.7cm/17.2in.
- Depth: 63cm/24.8in.
- Weight: 22.7kg/50lbs.

VIDEO STANDARDS

- SD 576i 50Hz 16:9/4:3 (PAL)
- SD 486i 59.94Hz 16:9/4:3 (NTSC)
- HD 720p 50/59.94Hz 16:9
- HD 1080i 50/59.94Hz 16:9
- HD 1080p 50/59.94 Hz 16:9

INPUTS/OUTPUTS

- Input: 1 x SDI Input on a 75 Ω BNC Connector
- Output: 1 x SDI Output on a 75 Ω BNC Connector
- Genlock: Bi-level & Tri-level Analogue Genlock, 3G-SDI, HD-SDI, SD-SDI on a 75 Ω BNC Connector
- Single RS232 port
- 2 RJ45 Gigabit Ethernet connectors
- 4 USB 2.0 ports rear

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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