

# VRI Box

## Virtual Reality Interface



The VRI **Virtual Reality Interface** box utilises the full functionality of the Vector 430i, 750i and 950i pan and tilt heads as well as working with the “E” series encoded heads from Vinten Radamec in virtual reality applications.

The VRI box processes the positional data from the head encoders (and auxiliary instruments in the “i” series heads) and also offers a direct interface to lenses with encoder outputs (or bolt on lens encoders) to provide a single data stream to the graphics rendering system. The VRI can be configured to work the head mounted to a fixed mount (tripod, post etc) or to the Quattro SE tracking pedestal for full 6 axis tracking.

Each VRI Box is supplied with mounting brackets, GUI, and head interface cable and be re-configured with the Quattro software to give X, Y, Z axis VR movement, as required.

### Technical Specification

Part Number	V4083-0001
Power In	110-250v AC or 9-28v DC, 80W
Power Out	12v DC @ 1A / 24v DC @ 1A
Fixing	Std Vinten accessory mount bars, 25, 50, 75 or 100mm centres
I/O	Genlock ( 1 in, 2 out) Devicelink.i (for i series Vinten heads) Quadrature Heads (for E series heads) Lens encoders (Quadrature) GUI (For laptop set-up and Pendant control, options for PDA) Jib (Quadrature input for elevation and azimuth on selected jibs) USB Ethernet X 2 (for connectivity to Quattro SE and maintenance)
Accessories	GUI (For laptop set-up and placement of OB graphics. V4083-0003) PDA based GUI (for set-up and control) V4014-0002



### Key Features and Benefits

- + Enables the use of the Vector 430i, 750i and 950i in virtual reality applications
- + Can be reconfigured with Quattro software to give X, Y, Z axis VR movement