



Why the Quasar 3D Rig?

Element Technica designed the Quasar 3D Rig to precisely align and control positioning of a pair of cameras necessary for stereographic 3D imaging and free creative producers, directors and cinematographers from the limitations of existing 3D equipment. Many existing 3D rigs are capable of only side-by-side or beamsplitter shooting, but not both. A Technica 3D rig can be reconfigured from side-by-side to beamsplitter, or vice-versa, in ten minutes or less.

- Lightweight
- Shipped in two pieces
- Fast assembly and calibration time
- Accepts full sized HD cameras

Technica 3D Beamsplitters and Parallel Rigs: Features

Specs

Camera Compatibility:

The Element Technica Over/Through, Under/Through and Side by Side Quasar Rigs are suitable for most digital camera systems such as the Panavision Genesis, Sony F23, Red One and Panasonic and Sony 2/3" broadcast cameras such as the F900r and Varicam. The Quasar Rigs are also suitable for film productions.

Mounting Methodology:

The Quasar uses an Arri compatible dovetail with our Hybrid Core as a means of mounting individual cameras to the rig as well as for fore/aft (along optical axis) adjustment of the individual cameras.

Focal Length Range of Lenses:

Dependent on configuration - *Beamsplitter* Focal Length Range: PL, PV or B4 prime lenses and smaller zooms. Range in mm based on S35 format with current beamsplitter box/frame: *15mm to *250mm. *Side by Side* Focal Length Range: PL, PV or B4 primes and zooms (no physical size limit). Range in mm based on S35 format: up to 2200mm tested. *Refer to www.technica.com for full explanation.

IO Range and Convergence Range:

- Quasar in beamsplitter shooting mode - IO range of 0-114mm and convergence range 100mm to infinity.
- Quasar in side-by-side shooting mode - IO range of 150mm-305mm and convergence range of 127mm to infinity.

Dimensions:

Weight (no cameras or lenses): 18kg
Height (adjustable): 635mm– 686mm
Width (left to right): 340mm
Depth (front to back): 380mm

Shipping Facts:

Typically sent in two Storm cases:
1. Beamsplitter frame and accessories: 29.5kgs
2. Main rig structure: 39.5kgs

Rig maximum payload:

Estimated to be well over 2x18kg camera/lens package for a total of 36 kgs.

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www.panavision.asia