

0.5x Wide Angle Adaptor LE081

An innovative high performance 0.5x wide angle adapter designed to provide a true 0.5x field of view (FOV) whilst maintaining minimal distortion and high resolution throughout the zoom range of your camera.

To date all 'off the shelf' wide angle adapters have offered a compromise between FOV, distortion and resolution.

If the lens achieves the FOV and minimal distortion then the compromise will be the resolution and so on. The result often is 'milky' out of focus images that get progressively worse the nearer you get to full zoom.

The compromise free performance of the lens was achieved by designing the adapter to work with the moving pupils of zoom lenses.

Its unique design combined with the use of specialised high index glasses carefully balances the provision of a low distortion wide angle view with the higher level of correction needed at the narrow angles of view.

The result is a high quality lens that has an unprecedented full 'zoom through' capability resulting in high contrast images regardless of zoom position whilst still maintaining both resolution and focus to the very edges of the image.

Aimed at the broadcast and high end medical/industrial market each production lens is individually collimated to maintain the full focus range of the prime lens.

Incorporating an M37 mounting thread the wide angle adapter will enable many zoom lens /camera combinations with a standard 45 degree FOV to achieve a genuine 90 degree field of view.

