Sill Optics

Telecentric lenses for area scan and line scan. Image sizes up to 60mm.
Covering object sizes up to 180mm.
Magnifications up to 20x.
Zoom telecentric lenses.
Telecentric lenses with built-in coaxial lighting.

Why Use Telecentric Optics?

>Are you designing a vision system for precision measurement of 3-D objects?
>Does the sensor in your system's video camera use microlenses?
>Are you imaging through beam splitters or working with a prism-based 3-chip camera?
>Are you striving to reach theoretical limits of accuracy in your edge detection algorithms?

Telecentric optics can offer your application:

>Better control over perspective than telephoto lenses.
>Elimination of shading introduced by CCD microlenses.
>Improved energy transmission through angle-sensitive dichroic coatings.
>Symmetrical defocusing enabling the highest possible precision in edge detection.

Think telecentric optics are expensive? Think again……

Telecentric optics do cost more than traditional optics. But compared to the cost of software development to correct for errors introduced by traditional optics, telecentric optics are a bargain.

Want to lean more about *image-sided, object sided* and *double-sided* telecentric lenses from the company who offers more telecentric models than anyone in the world? Want to discuss a custom optical system with experts who've been designing optics for over 100 years?

Discover Sill Optics.

Contact CourierTronics for information and a catalogue.