

## Telecentric 55mm lens

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Category: [Media & Telecommunications](#)

Press release from: [Audio Video Supply, Inc.](#)



San Diego, CA, July 9, 2007 Audio Video Supply, Inc, a San Diego distributor first in Machine Vision, introduces its new 55mm Telecentric Lens, The AVS-L55M.

The AVS-L55M is a 55 mm f2 8 telecentric lens, which reduces or eliminates viewing angle error and magnification error while providing high resolution and contrast with low distortion. This compact, lightweight lens is competitively priced and can be used with 1", 2/3", 1/2" and 1/3" format cameras. Options include 0.75X converter and 2X extender. Audio Video Supply has made the Telecentric lens popular because a conventional lens cannot accurately portray objects, which are off axis to the lens, or at different distances from the lens. Viewing angle error and magnification error are inherent in conventional lenses, and these perspective distortions can create significant interpretation problems for software. The AVS-L55M tolerates up to 700% more object movement than a conventional lens, with an error of less than 1%.

The AVS-L55M lens tolerates +/- 12.4mm object movement at 0.50X magnification in order to generate a 1% error in image scale. This amount of object motion compares very favorably with the +/- 1.7mm object motion permitted by a conventional lens at the same magnification. At a magnification of 0.20X, the AVS-L55M lens still tolerates 9mm of object motion, or 29% more than a conventional lens. For additional information or to order, please call 858-565-1101. Audio Video Supply, Inc. is located at 4575 Ruffner Street, San Diego, California, 92111. On the web, [www.avsupply.com](http://www.avsupply.com)

Website: [www.avsupply.com](http://www.avsupply.com)

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About Audio Video Supply, Inc.

About Audio Video Supply, Inc. is the North American distributor of Machine Vision Systems as well as CCTV Security, Scientific Vision Systems and a complete line of Medical, Broadcasting, and Industrial components. In business for over 35 years, AVS is well established and authorized to distribute a wide variety of name brand video equipment. In addition to lenses, Audio Video Supply also offers machine vision cameras, cameras, digital video recorders (DVRs), LCDs and plasmas, professional camcorders, and a complete line of accessories. Design help is available for US and international Machine Vision customers.

[You can find this press release here](#)