

OPTICS FOR MACHINE VISION APPLICATIONS



It is important to work out the imaging optics before an attempt to build a machine vision system. One needs to be familiar with many optical components and systems. This is needed in order to build an optimum machine vision system for the application.

Our company has over 12 years experience in machine vision optics. We have very good experience in applying optical components and systems to solve machine vision problems. We have a large collection of information of optical components and systems of different brands.

We have very close relationships with equipment makers in China. We can provide complete solutions in optics, motion controls, CCD cameras, frame grabbers and softwares to them.

We have helped customers to use 1 mm size prisms to build SMT BGA inspection and rework stations.

We have also helped customers to build systems to inspect the internal walls of small holes with line scan CCD cameras.

We provide free consultations for our customers to evaluate their machine vision applications. These include pre-build demo and post-build test for correlation with true requirements.