

# Imaging

## Imaging Overview (continued)

### Scanning

The Image Input Terminal or scanner, has a Xenon Lamp, and a three-color set CCD array. As the scanner assembly illuminates and scans the document, the image is reflected and focused by a lens onto the CCD Array. Filters in the CCD array separate the reflected image into a three-color input to the CCD PWBA. The CCD PWBA converts the three color images into a 400dpi format digital signal and sends it to the Imaging Processing System.

