





































Sensors for Image Capture

- The incident energy is transformed into a digital signal using na analog-to-digital converter
- The intensity of the resulting signal is proportional to the incident energy
- Different materials are used to build sensors for specific wavelengths

Convright Manuel Menezes de Oliveira Neto, Informática LIERGS



Image Capture Device

- Characteristics
 - Number of sensors
 - Number of sensor cells
 - Sensor geometry
 - Dimensions and shape
 - Spacing between sensor cells
 - Distribution of the sensor cells on the surface

Copyright Manuel Menezes de Oliveira Neto, Informática UFRG



















