

spatially resolving detector (of radiation)

A detector for the measurement of the spatial distribution of the radiation.

Spatially resolving detectors can be divided into two groups:

1. the photosensitive area consists of a matrix of discrete photosensitive elements, the pixels (picture elements) forming an array with the facility to separately read out the information, simultaneously or sequentially.
2. the photosensitive area consists of a single photosensitive element that must be scanned (e.g. image dissection tube.)

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