A METHOD AND A SYSTEM FOR MULTI-PIXEL IMAGING

ABSTRACT

The invention provides a method for multi-pixel imaging of a scene, using a single detector associated with a time-delay arrangement, the method including the steps of producing an image of at least part of a remote scene in a defined image plane; receiving the scene as imaged on the image plane and conveying it image pixel by image pixel through a plurality of light-conveying means to a single detector while introducing a time-delay, whereby the image pixels arrive at the single detector in a sequential order, and using an electronic logic to reconstruct the image from the time-delayed image pixels received by the detector. The invention also provides a system for implementing the described method.