

## Clothes as Camera

Posted At : June 24, 2009 10:33 AM | Posted By : Bob

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Using technology recently developed for electronic textiles, researchers at MIT have developed a fabric camera made from polymer fibers. The potential applications are difficult to predict -- the advance of these type of high-tech fiber technologies will radically transform the integration of new technologies into our everyday lives, making processes like monitoring vital signs, air quality and even collecting visual information an invisible function of the clothes we wear.

“ integrate eight semiconducting light sensors into a polymer cylinder with a diameter of 25 millimeters. controlling the sensor's spacing and angle within the fiber. Once the sensors, made of a type of semiconducting glass, were in position, the polymer cylinder was heated and then stretched so that the diameter shrank the diameter of hundreds of micrometers--a process that is identical to the way in which commercial fiber is made for telecommunication applications--retaining the orientation of the sensors.

Read more on [Technology Review](#), published by MIT.