

# Touchlight



## *Keywords*

Holographic film  
projection, touch  
screen

## *Input*

Hands movement on  
screen

## *Output:*

Images bright  
Rotate and scale

## *Technology:*

2 infrared video  
cameras, 1 still  
camera, infrared  
illuminator

# Touchlight

## *Description:*

*The touchlight project is an interactive display technology.*

*The translucent holographic film projection and computer vision techniques are the technical parts. When the user's hands nearly touching the screen, the image becomes bright.*

*Optical flow techniques used to enable the user to interact with the picture in a natural way like rotate and scale the picture by pulling the image.*

## *Links:*

<http://digitalexperience.projects.cavi.dk/frontend/#>

<https://www.youtube.com/watch?v=dXBbi0gWuCg>

