Abstract

In this paper, the design and fabrication of the smart sense technology is presented. The tracking software (ccv), communication protocol and multitouch tool kit is used for tracking the gestures. Later a touch screen is designed using acrylic glass with polycarbonate sheet surrounding IR-LED's for effective sensing. Frustrated total internal reflection (FTIR) is the multitouch sensing technique used for this touch screen. Hitachi ED-220nm ultra short throw projector is used as a source. Play station 3 camera is used for high frame rate and it will let in only 880nm range of light.
Smart Sense

References

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Index Terms

Computer Science

Communications

Keywords

Ftir (frustrated Total Internal Reflection)  Ccv (community Core Vision).